

# OWNER'S MANUAL

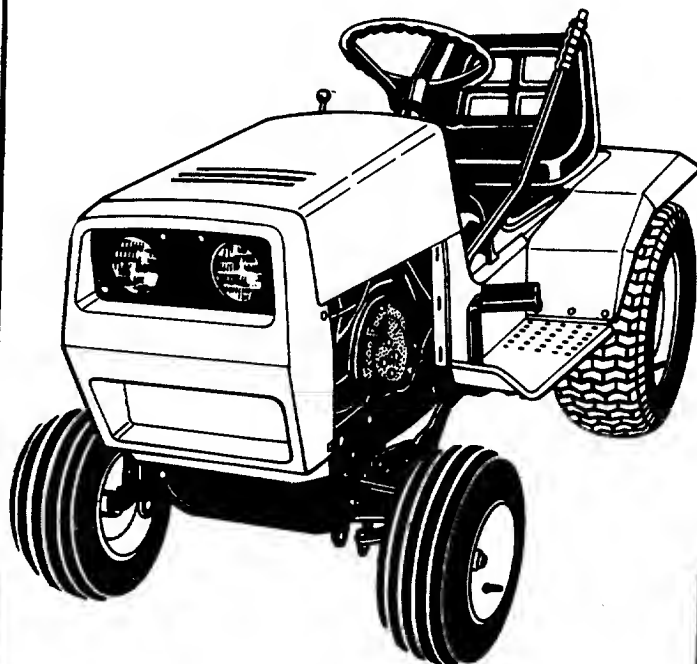
- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST

**Model Nos.**  
**147-910A**  
**147-916A**

## **Important:**

**Read Safety Rules and  
Instructions Carefully**

**10 & 16 H.P.  
GARDEN  
TRACTOR**



# **IMPORTANT**

It is suggested that this manual be read in its entirety before attempting to assemble or operate. Keep this manual in a safe place for future reference and for ordering replacement parts.

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see operating section of this manual for proper fuel and amount.

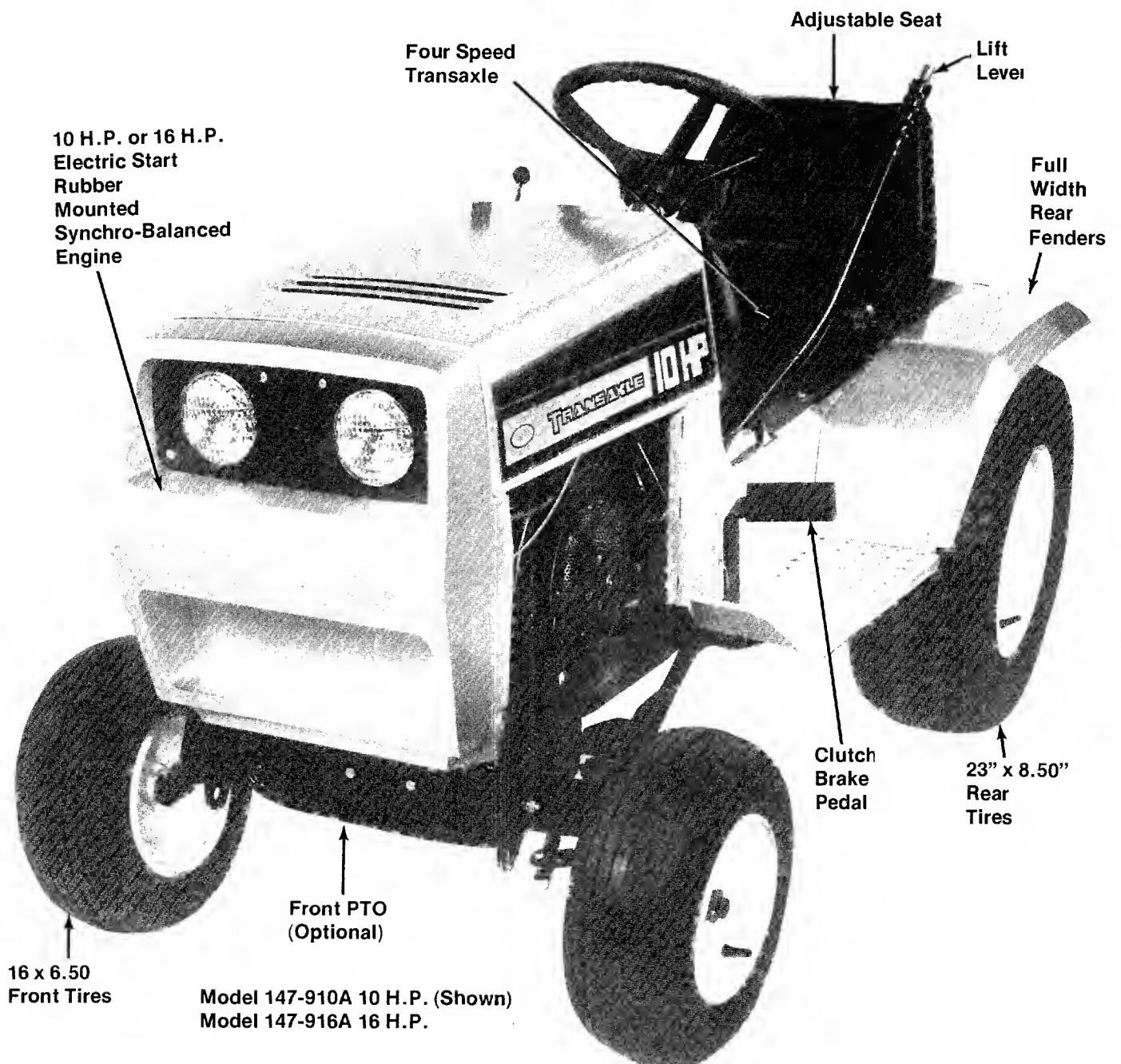
Your rotary mower is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.

## **SAFE OPERATION PRACTICES FOR RIDING VEHICLES**

1. Know the controls and how to stop quickly—**READ THE OWNER'S MANUAL.**
2. Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
3. Do not carry passengers.
4. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction.
5. Clear work area of objects which might be picked up and thrown by the mower in any direction.
6. Disengage all attachment clutches and shift into neutral before attempting to start engine.
7. Disengage power to attachment(s) and stop engine before leaving operator position.
8. Disengage power to attachment(s) and stop engine before making any repairs or adjustments. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
9. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
10. Disengage power to attachment(s) when transporting or not in use.
11. Take all possible precautions when leaving vehicle unattended such as disengaging power-take-off, lowering attachments, shifting into neutral, setting parking brake, stopping engine and removing key.
12. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face.
13. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
14. Stay alert for holes in terrain and other hidden hazards.
15. Use care when pulling loads or using heavy equipment.
  - A. Use only approved drawbar hitch points.
  - B. Limit loads to those you can safely control.
  - C. Do not turn sharply. Use care when backing.
- D. Use counterweight(s) or wheel weights when suggested in owner's manual.
16. Watch out for traffic when crossing or near roadways.
17. When using any attachments never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
18. Handle gasoline with care—it is highly flammable.
  - A. Use approved gasoline container.
  - B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.
  - C. Open doors if engine is run in garage—exhaust fumes are dangerous. Do not run engine indoors.
19. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in owner's manual.
20. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
21. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow engine to cool before storing in any enclosure.
22. To reduce fire hazard keep engine free of grass, leaves or excessive grease.
23. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating the equipment.
24. Do not change the engine governor settings or overspeed the engine.
25. When using the vehicle with mower, proceed as follows:
  - (1) Mow only in daylight or in good artificial light.
  - (2) Never make a cutting height adjustment while engine is running if operator must dismount to do so.
  - (3) Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher.
  - (4) Check blade mounting bolts for proper tightness at frequent intervals.
26. Check grass catcher bags frequently for wear or deterioration. For safety protection replace only with new bag meeting original equipment specifications.
27. Look behind to make sure the area is clear before placing the transmission in reverse and backing up.

# INDEX

Safety Rules.....	2	Illustrated Parts for Tractor.....	20
Features.....	3	Parts List for Tractor.....	21
Assembly Instructions.....	4	Wiring Diagram and Parts List	
Controls.....	6	for 10 H.P. Tractor.....	30
Operation.....	8	Wiring Diagram and Parts List	
Accessories.....	8	for 16 H.P. Tractor.....	31
Lubrication.....	9	Illustrated Parts for Transaxle.....	32
Adjustments.....	10	Parts List for Transaxle.....	33
Power Take Off (PTO).....	13	Parts Information.....	Back Cover
Three Point Hitch.....	17		



# ASSEMBLY

## TIRE PRESSURE

**FOR SHIPPING PURPOSES, THE TIRES ON YOUR UNIT MAY BE OVER-INFLATED. TIRE PRESSURE SHOULD BE REDUCED BEFORE UNIT IS PUT INTO OPERATION. PRESSURE SHOULD BE APPROXIMATELY 15 P.S.I. EQUAL TIRE PRESSURE SHOULD BE MAINTAINED ON ALL TIRES. MAXIMUM TIRE PRESSURE IS 30 P.S.I.**

## BATTERY

The following information must be read before activating and installing the battery in the tractor.



### WARNING

- A. Battery acid must be handled with great care as it will blister the skin and damage clothing. It is advisable to wear goggles, rubber gloves, and a protective apron when working with it.
- B. Neutralize acid spilled on clothing with dilute ammonia water or a water solution of baking soda. If acid gets on clothes, dilute it with clean water first, then neutralize.
- C. If for any reason acid should be spattered in the eyes, wash it out immediately with clean cold water. Seek medical aid if discomfort continues.
- D. Since battery acid is corrosive to metals, do not pour into any sink or drain. Rinse empty electrolyte containers and mutilate before discarding.



### DANGER

**BATTERIES CONTAIN SULFURIC ACID AND MAY CONTAIN EXPLOSIVE GASES (when electrolyte has been added)**

- A. Keep sparks, flame, cigarettes away.
- B. Hydrogen gas is generated during charging and discharging.
- C. Ventilate when charging or using in enclosed space.
- D. When using a charger—to avoid sparks, NEVER connect or disconnect charger clips to battery while charger is turned on.
- E. Always shield eyes, protect skin and clothing when working near batteries.

## A. ACTIVATING THE BATTERY

1. Place battery to be filled on bench or workbench. NEVER activate battery in unit. Remove vent caps from all cells.
2. Fill each cell carefully using battery grade 1.250-1.265 specific gravity. Sulfuric acid to be 3/8" above the top of the separators or to the split ring.
3. Allow battery to set for 20 minutes to 1/2 hour. Add additional acid if necessary to bring it up to the proper level.
4. Replace the vent caps.
5. The battery can now be charged after the 20 minute setting period. Battery must be **SLOW CHARGED (DO NOT FAST CHARGE)** at a maximum bench rate of 4-5 amperes until the specific gravity reading is 1.265-1.275. A charging rate in excess of this will buckle and warp the positive plates and perforate the separators. If electrolyte bubbles violently while charging, reduce charging rate until excessive bubbling action subsides, then continue charging until specific gravity is reached.

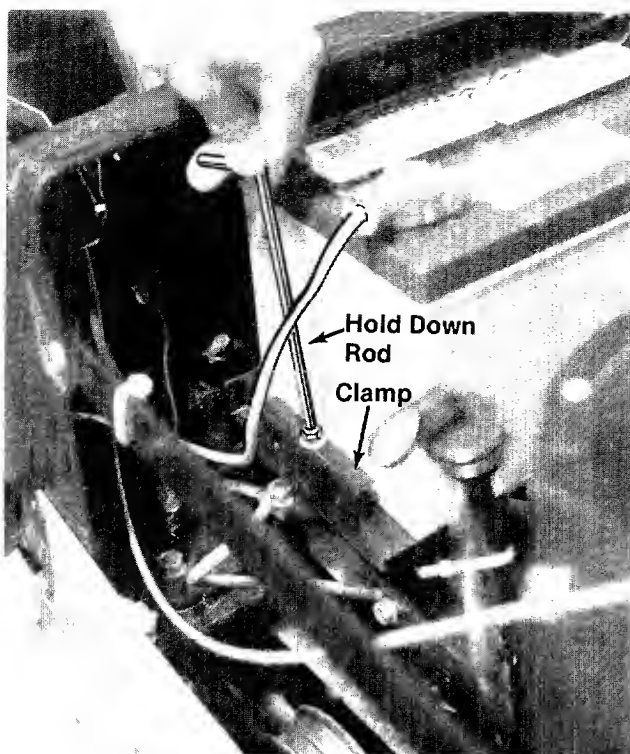


### CAUTION

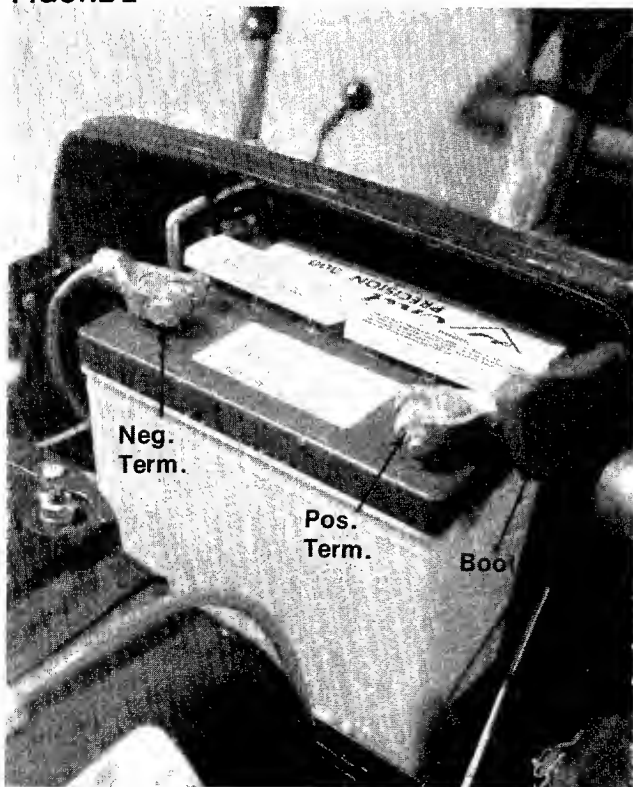
After battery has been in service, add only approved water. **DO NOT ADD ACID.**

## B. TO INSTALL BATTERY (16 H.P. Tractor)

1. Place the battery in the battery case with the terminals facing the front of the tractor. See figure 2.
2. Place the clamp over the ledge on the bottom of the battery on the right side.
3. Use the long rod and washer and hand tighten the bracket to the battery case.
4. Attach the positive battery cable to the positive terminal. Slide the rubber boot over the clamp and battery post. See figure 3.
5. Attach the negative battery cable (ground) to the negative terminal.



**FIGURE 2**

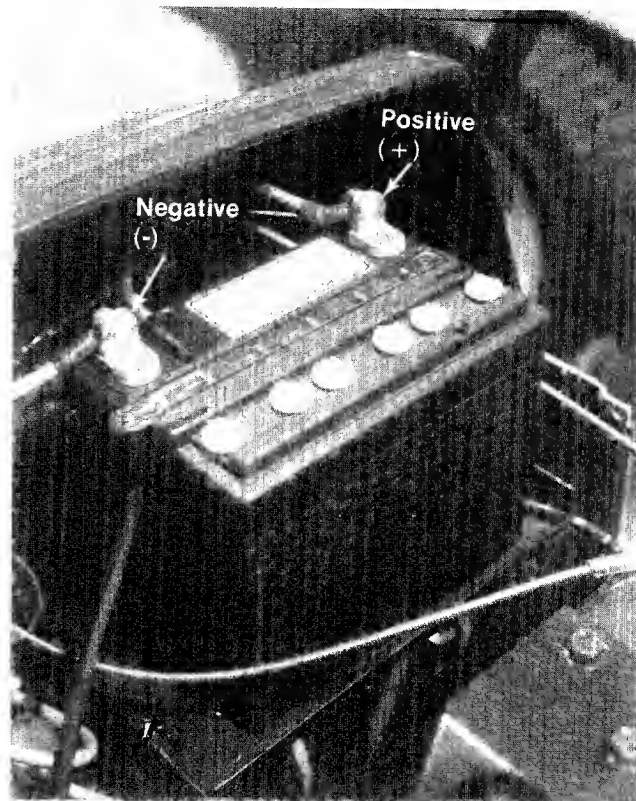


**FIGURE 3**

**TO INSTALL BATTERY (10 H.P. Tractor)**

1. Place the battery in the battery case with the terminals to the rear. (See figure 4.)

2. Attach the positive cable (from the starter solenoid) and the small wire (from the circuit breaker) to the positive battery terminal (+) with the 1/4" bolt, lockwasher and nut.
3. Attach the negative cable (grounded) to the negative battery terminal (-) with the 1/4" bolt, lockwasher and nut.

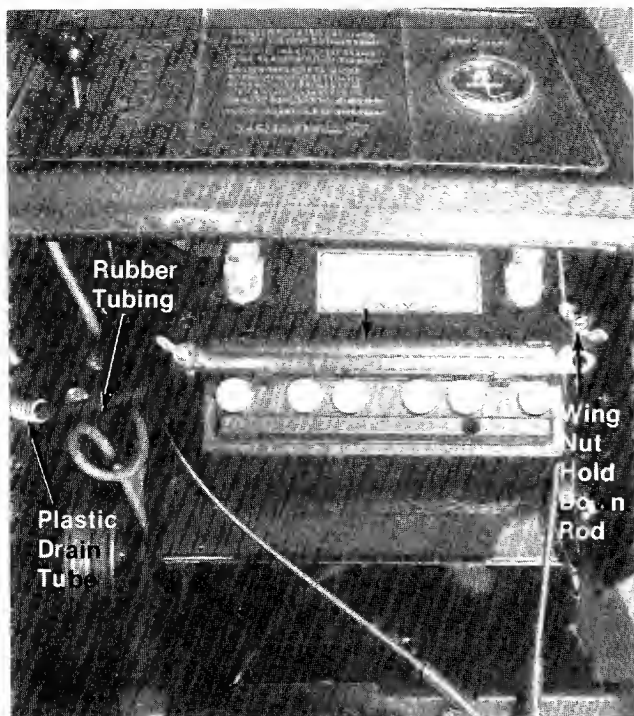


**FIGURE 4**

4. Hook the hold down rods through the holes in the battery case and place the hold down over the manifold of the battery and the two hold down rods. (See figure 5.)
5. Secure the hold down with the two wing nuts. Hand tighten only.
6. Cut the rubber tubing from the battery manifold about 8 inches long.
7. Place the cut end into the plastic drain tube.



The vented battery allows any gases or liquid from the battery to be carried to the rear of the mower through the drain tube.



**FIGURE 5**

- C. Check oil level. Use approximately 2¾ pints of a high quality detergent oil classified as SC, SD or SE. Do NOT use any additives. 16 H.P. capacity 4 pints, 10 H.P. capacity 3 pints.

**ABOVE FREEZING USE**

SAE 30  
SAE 10W-30  
SAE 10W-40

**BELOW FREEZING USE**

SAE 5W-20  
SAE 5W-30  
SAE 10W

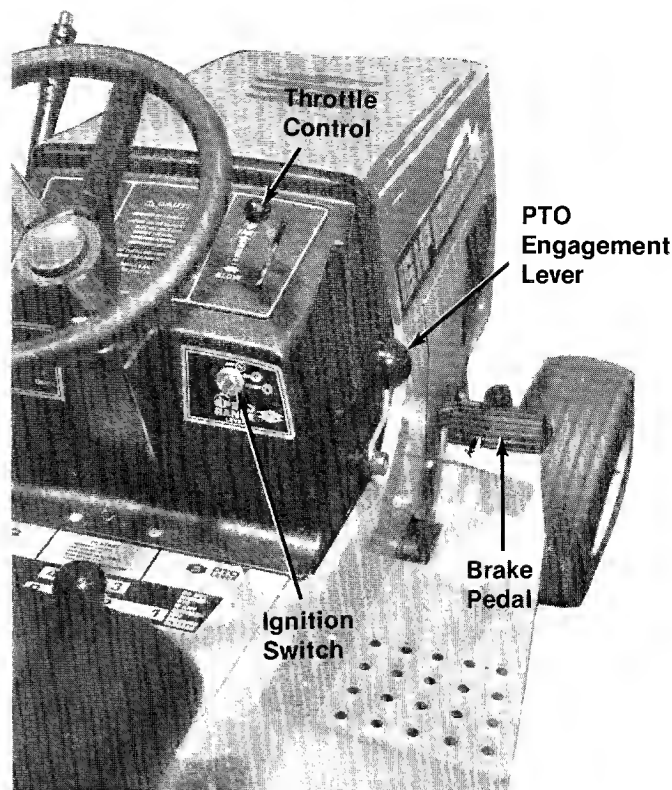
- E. For shipping purposes the tires on the tractor may be over-inflated. Tire pressure should be reduced before the tractor is put into operation. The tire pressure should be reduced to 15 p.s.i. on both the front and rear tires.



Maximum tire pressure is 30 p.s.i.

## CONTROLS

**Throttle Control**—The throttle control is located on the right side of the dashboard and is used to regulate the engine speed. The engine should be operated from ¾ to full throttle (fast) when operating any equipment that uses the tractor engine as a source of power such as the mowing deck, snow thrower or rotary tiller. See figure 6.



**FIGURE 6**

**Ignition Switch**—The ignition switch is located on the right side of the dashboard. Turn the key to the START position to start the engine. When the engine is running, leave the key in the ON position. To stop the engine, turn the key to the OFF position. See figure 6.



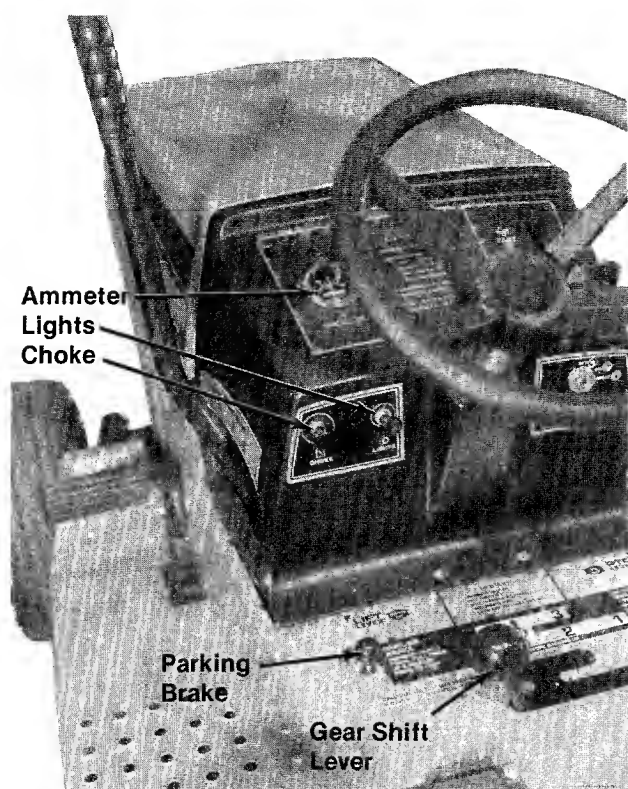
Remove the key from the tractor when the tractor is not in use to prevent accidental starting.

**Brake Pedal**—The brake pedal is located on the right side of the frame. Depressing the brake pedal will engage the disc brake located on the transaxle. The clutch pedal **MUST** be depressed as well as the brake pedal to stop the tractor. See figure 6.

**Ammeter**—The ammeter registers the rate of battery charge or discharge. The ammeter should register on the plus side when the engine is running in the FAST position until the battery is completely charged.

With a fully charged battery or with the engine idling, the ammeter may not show a charge. See figure 7.





**FIGURE 7**

**Choke**—The choke control is located on the left side of the dashboard. When starting the engine, pull the choke knob out. After the engine warms up, push the choke knob in gradually until the engine runs smoothly with the choke knob all the way in. A warm engine requires less choking. See figure 7.

**Lights**—The headlamps are operated by pulling out the Light Switch Knob located on the left side of the dashboard. The headlamps will only operate when the ignition switch is on. See figure 7.

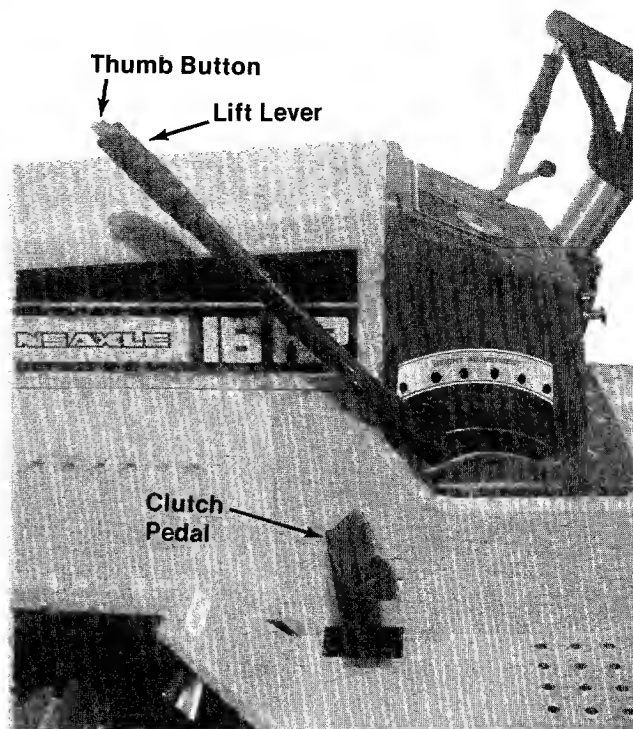
**Parking Brake**—To set the parking brake, depress the clutch pedal and pull up the parking brake knob. It will stay in the raised position. To release the parking brake, depress and release the clutch pedal. See figure 7.

**Gear Shift Lever**—The transaxle has four forward gears, neutral and reverse. You do not shift through the gears on the transaxle as you would in an automobile. Pre-select the gear appropriate for the job you are doing. See figure 7.

You must depress the clutch pedal and come to a complete stop before shifting gears. See figure 8

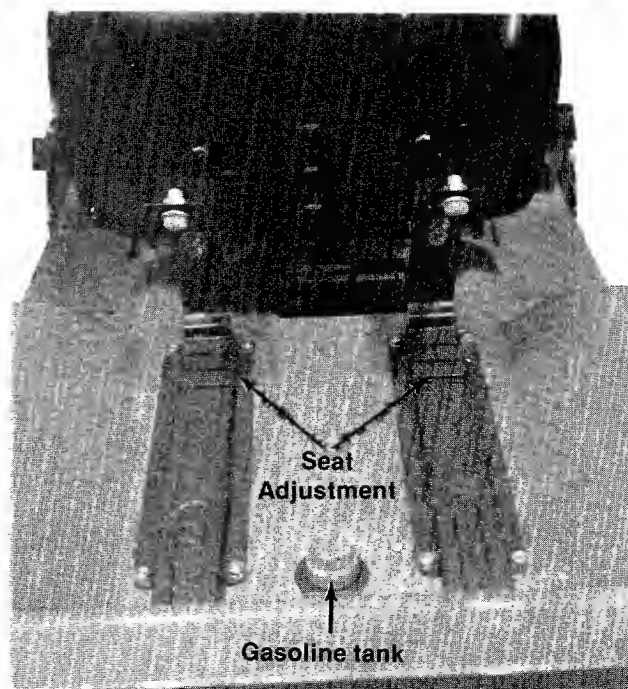
**Clutch**—The clutch pedal is located on the left side of the tractor. Depressing the clutch pedal disengages the clutch. The clutch pedal must be depressed when you shift the transaxle, come to a complete stop with the engine running and start the engine. See figure 8.

The clutch pedal must be depressed to engage the parking brake.



**FIGURE 8**

**Gasoline Tank**—The gasoline tank is located under the tractor seat. Fill the gasoline tank with approximately 3 gallons of clean, fresh, lead-free or leaded "regular" grade automotive gasoline. Tip the seat forward to fill the tank. See figure 9.



**FIGURE 9**

**Seat Adjustment**—The tractor seat is adjustable to four positions. To change positions, tip the seat all the way forward and lift it out of the slots on each side. See figure 9.

**Lift Lever**—The seven position lift lever is used to change the operating position of all the front, center and rear mounted attachments. To operate, depress the thumb button, move the lift lever to the desired position and release the button. See figure 8.

**Power Take Off (PTO)**—The PTO Lever is located on the right side of the tractor. Moving the lever forward engages the PTO and moving it backward disengages it. Figure 6 shows the PTO lever in the engaged position.



The PTO lever engages the blades on the cutting deck and the optional PTO kit. The PTO kit is needed to operate the snow thrower attachment and rotary tiller. See figure 6.

The PTO lever must be in the disengaged position in order to start the engine.

**Side Panels**—The right and left side panels can be removed for maintenance or attaching accessories. To remove, turn the four screws in the corners a ¼ turn to the left and remove. Used on 16 H.P. only. See figure 10.

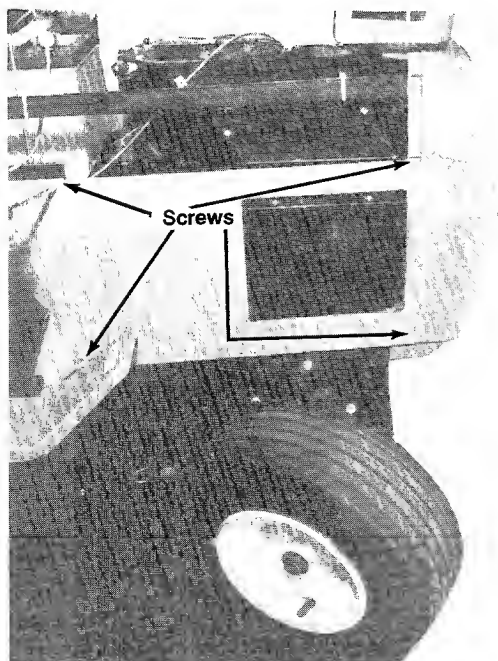


FIGURE 10 |

## OPERATION

### Starting Procedure

- A. Disengage the PTO lever. See figure 6.
- B. Depress and hold down the clutch pedal. See figure 8.
- C. Set the throttle control in the fast position. See figure 6.
- D. Pull the choke knob out. See figure 7.



A warm engine requires less choking.

- E. Turn the ignition key clockwise to the start position.
- F. Release the key when the engine is running.
- G. Push the choke knob in gradually until the engine runs smoothly.
- H. With the clutch pedal still depressed (disengaged), put the gear shift lever in one of the four forward or reverse positions. See figure 6.
- I. Release the clutch pedal slowly.

## ACCESSORIES

**42 inch mowing deck**—197-957

**50 inch mowing deck**—197-958

**Three point hitch kit**—197-951. Necessary when using any of the rear mounted attachments such as the 12" mold board plow, spring tooth cultivator, tandem disc harrow or rotary tiller.

**Power take off kit**—197-952. Necessary when using the 48" snow thrower or the rotary tiller.

**12 inch mold board plow**—197-920. Requires three point hitch kit—197-951.

**Tandem disc harrow**—197-921. Requires three point hitch kit 197-951.

**Spring tooth cultivator**—197-922. Requires three point hitch kit 197-951.

**54 inch snow blade**—197-954\*

**48 inch snow thrower**—197-955\*. Requires power take off kit 197-952.

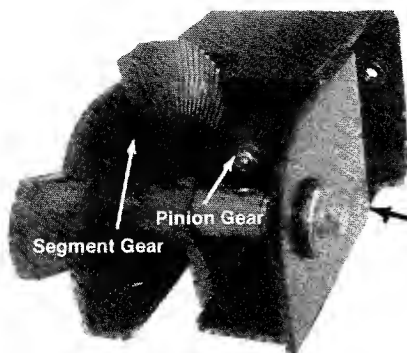
**Rotary tiller**—197-956. Requires three point hitch kit 197-951 and power take off kit 197-952.\*

\*No special mounting kit required if you have a 42" or 50" mowing deck. If you do not have either deck you must have a 197-953 linkage kit to attach your 48" snow thrower, 54" snow blade and rotary tiller.



# LUBRICATION CHART

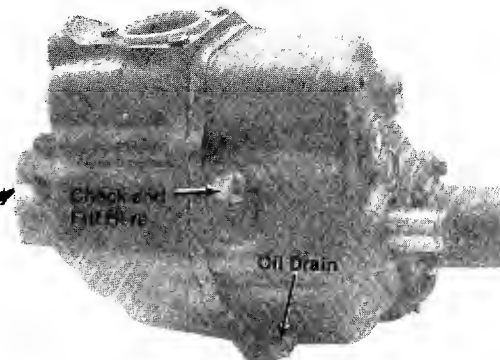
**Steering Gears**—Wipe off old grease and dirt. After every 25 hours of operation place an automotive multi-purpose grease in the teeth of the segment and pinion gears.



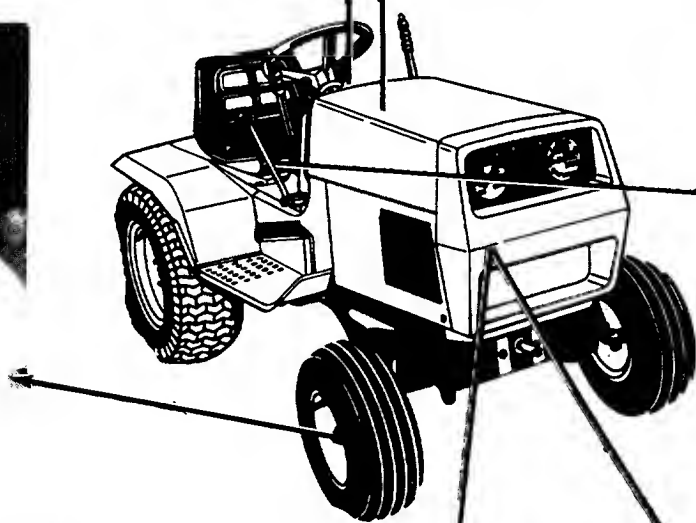
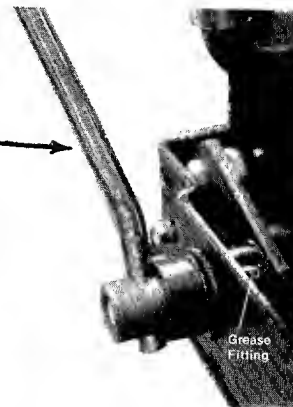
**King Pins**—(One on each side of the tractor.) Lubricate with a grease gun after every 25 hours of operation. Use automotive multi-purpose grease.



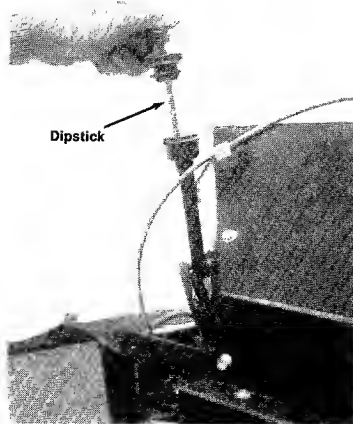
**Transaxle**—Check oil level four times a year. Lubricant should be at the point of overflowing. Use SAE E.P. 90 oil. Drain and refill every two years. Capacity 4 pints.



**PTO Engagement Lever**—Lubricate with a grease gun after every 25 hours of operation. Use an automotive multi-purpose grease.



**Oil Level**—Maintain oil between ADD and FULL marks on dipstick. Check after each 5 hours of operation.



**FIGURE 11**

**Oil Drain**—Change oil after the first 5 hours of operation and every 25 hours thereafter. Remove plug and drain oil while engine is warm.

Fill engine with detergent oil classified as SC, SD or SE. 16 H.P. capacity 4 pints, 10 H.P. capacity 3 pints.

## ABOVE FREEZING USE

SAE 30  
SAE 10W 30  
SAE 10W40

## BELOW FREEZING USE

SAE 5W 20  
SAE 5W30  
SAE 10W



# LUBRICATION

The following friction points require NO LUBRICATION.

1. Front wheel bearings.
2. Tie rod ends.
3. Drag link ends.
4. Steering column bearings.
5. Variable speed bearings.

## Throttle and Choke Cables.

If the throttle or choke cable works stiff, lubricate the entire length of the cable with a penetrating silicone type spray or wipe the cable with an oiled rag.

Lubricate all pivot points on the clutch and brake linkage and lift mechanism with SAE 30 oil once a season. A small hydraulic oiler will make this easier.

# ADJUSTMENTS

## CHANGING V-BELTS FROM THE ENGINE TO THE TRANSAXLE.

1. Remove and ground the spark plug wire.
2. Depress the clutch-brake pedal and set the parking brake.
3. Remove the PTO belt from the engine pulley if your tractor is equipped with a Power Take Off.

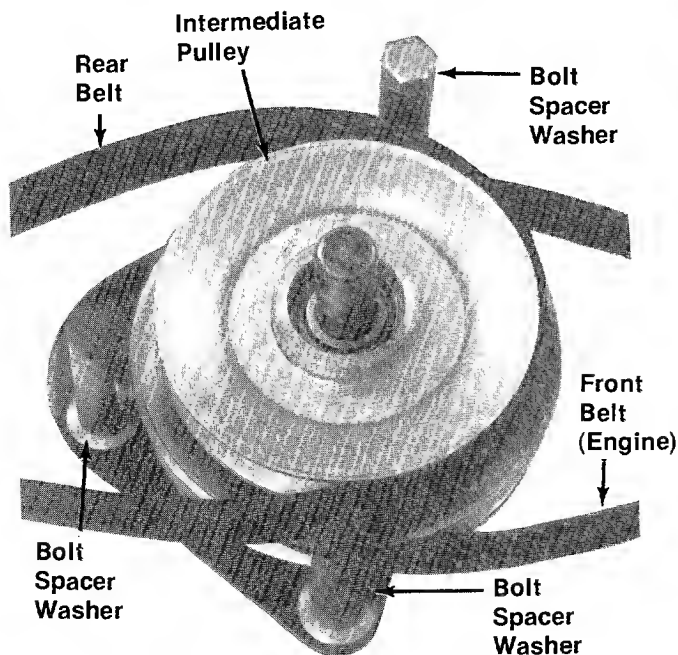


FIGURE 12

4. Remove the bolt, lockwashers and flat washer holding the pulley to the engine crankshaft.
5. Slide off the engine pulley and remove the front belt from the pulley.
6. Remove the three bolts, spacers and belleville washers on the intermediate pulley belt guard.
7. Unhook the rear belt from the intermediate pulley. See figure 12.
8. Remove the front belt from the intermediate pulley.
9. Remove the rear belt from the idlers and transaxle pulley. See figure 13.

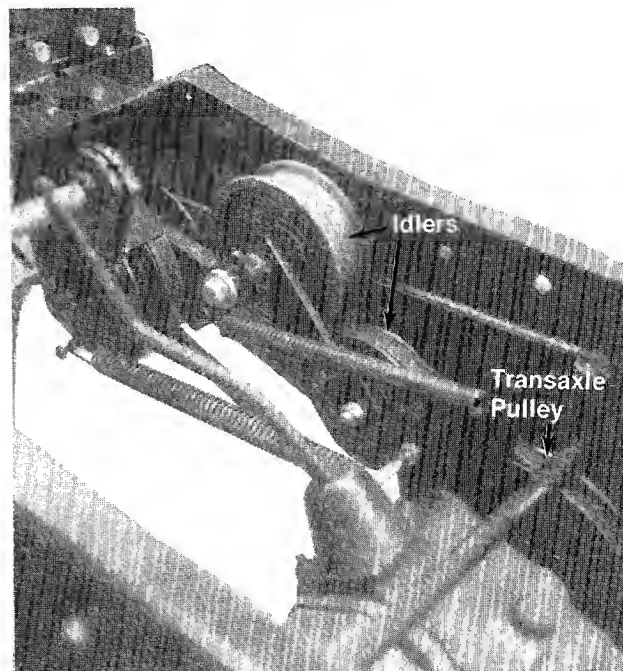


FIGURE 13  
BRAKE ADJUSTMENT

The clutch brake pedal must be in the released position when you adjust the brake.



### WARNING

Be sure to block the wheels of the tractor before making the brake adjustment.

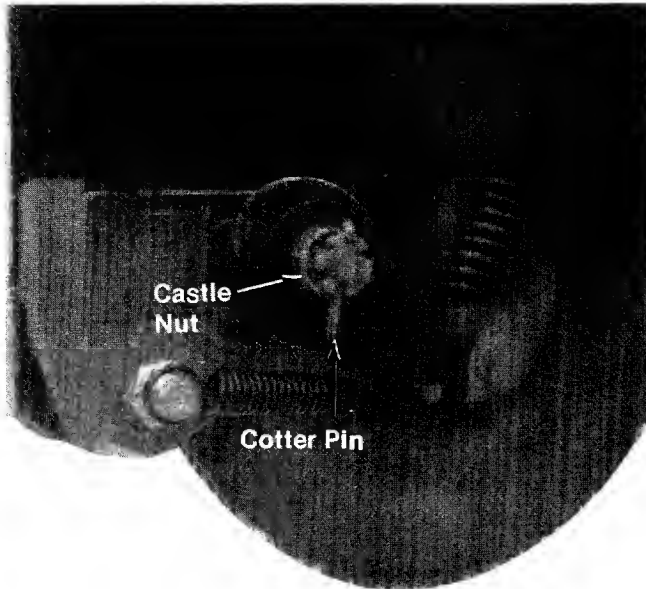
1. Remove the cotter pin in the castle nuts on the disc brake.



### NOTE

The disc brake is located on the left side of the tractor on the transaxle.

2. Tighten (turn clockwise) the castle nut until it stops. See figure 14.
3. Loosen (turn counterclockwise) the castle nut one complete turn.
4. Install a new cotter pin.
5. Remove the blocks from the wheels.



**FIGURE 14**

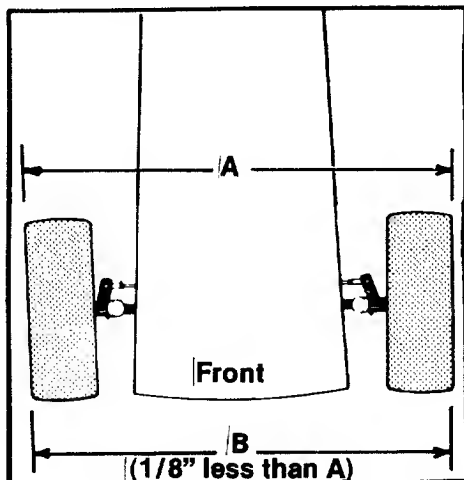
#### Wheel Alignment

Measure the distances A and B on the front wheels. (See figure 15.)

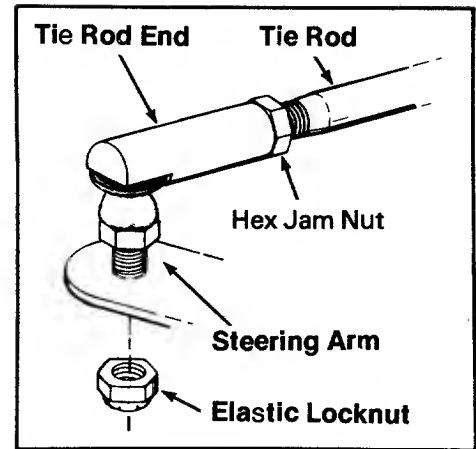
Dimension B should be approximately 1/8 inch less than dimension A.

To adjust the toe-in, loosen the hex jam nut, remove the elastic locknut, lift the tie rod end out of the hole in the steering arm and screw the tie rod end in or out as necessary. (See figure 16.)

Reassemble the tie rod end after the correct alignment is made.



**FIGURE 15**



**FIGURE 16**

#### Drag Link

The adjusted length of the drag link from the steering gear to the left front axle bracket should not be changed if either the drag link or ball joints are replaced.

To take off the drag link, remove the nuts and lockwashers holding the ball joints to the steering gear and left front axle bracket. Measure the overall length and adjust the replacement parts to the same length and install to the tractor.

#### BATTERY REMOVAL

Whenever a battery is installed in a tractor, attach the positive cable first and then the negative (ground) cable.

When removing the battery, always disconnect the negative (ground) cable first.

#### BATTERY CARE AND HANDLING

The use of distilled water is recommended, however, you may use drinking water unless it has a high mineral content.

During freezing weather do not add water to the battery unless the tractor is going to be operated for a sufficient time to properly charge the battery.

Maintain the fluid level in the battery to the level indicated on the top of the battery. Keep the terminals clean and coated with grease.

#### BATTERY STORAGE

If your tractor is not to be used during an off season, the battery can be left in the tractor, however, it **MUST** be stored in a fully charged condition. The specific gravity must read 1.265 or higher. Use a 12 Volt, DC charger with a **MAXIMUM CHARGING RATE OF 7 AMPS.**



### CAUTION

A discharged or partially discharged battery can freeze and crack causing extensive damage to the tractor.

During extreme cold weather, charge the battery every two months or whenever the specific gravity is less than 1.200.

Charge the battery just prior to being put back into service.

### TIRE PRESSURE

The tires on your tractor have been over inflated for shipping purposes. The front and rear tires should be maintained at 15 p.s.i.



### WARNING

Maximum tire pressure is 30 p.s.i.

### INSTALLATION OF TIRE TO RIM



### WARNING

The following procedure must be followed when removing or installing a tire to the rim.

1. Lubricate the tire beads and rim flanges.
2. Do not exceed 30 p.s.i. when seating beads.
3. Adjust to recommended pressure after beads are sealed.

### FUEL SHUT-OFF VALVE AND FILTER

The valve and filter is located on the bottom of the gasoline tank. Turn the valve knob in to shut off the fuel flow. Turn the valve knob out to operate the tractor.

The entire valve can be pulled out to clean the filter. When reassembling, place the grommet into the gasoline tank first, then push the valve all the way in.



### WARNING

Only use factory approved parts if repairs are needed on the gasoline tank, grommet valve or gasoline line.

### ROPE STARTER

In the event of a discharged battery, the engine can be started with a rope. See figure 17.



### WARNING

The safety interlock system will be by-passed when the engine is started with a rope. You must shut off the PTO Lever and lock the clutch pedal in the down (Disengaged) position.

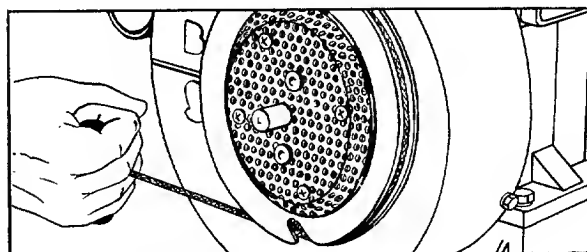


FIGURE 17

### REAR WHEEL TRACK ADJUSTMENT

The rear wheels may be adjusted wider for more stability by reversing the wheels and rims on the hubs.

With the rear wheels in the narrow position, their outside is even with the outside of the front wheels. With the rear wheels in the wide position, their inside is even with the inside of the front wheels.

Use this chart to determine the rear wheel setting.

ATTACHMENT	MODEL NO.	WHEEL SET
42" Mowing Deck	197-957	N
50" Mowing Deck	197-958	W/N
12" Mold Board Plow	197-920	W
Tandem Disc Harrow	197-921	W
Spring Tooth Cult.	197-922	W
54" Snow Blade	197-954	N
48" Snow Thrower	197-955	N
Rotary Tiller	197-956	N

N—Narrow  
W—Wide

Place a knot in the pulley notch and wind the rope around the pulley in a clockwise direction. Pull the rope with the choke closed to prime the engine. Open choke slightly and repeat operation.

After the engine warms up, open the choke gradually until engine runs smoothly with choke wide open.

# POWER TAKE OFF 197-952A (Optional)

## INSTALLING THE POWER TAKE OFF

1. Place the PTO assembly in back of the front axle and hook the top slotted hole on the PTO support bracket over the weld pins on the tractor. Tighten nuts finger tight. See figure 18.



### NOTE

Photograph was taken with tractor engine removed for clarity.

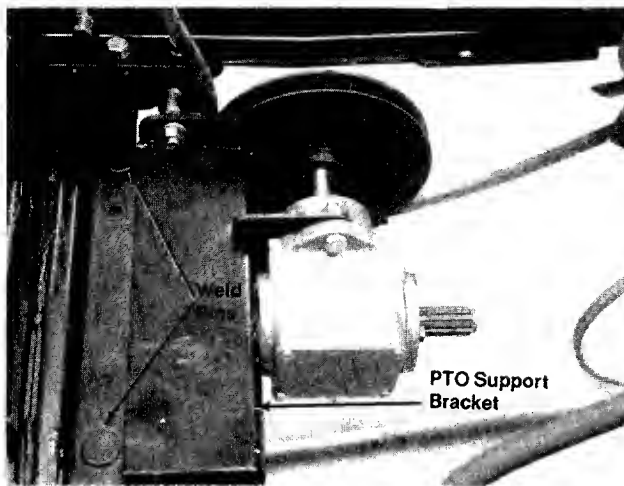


FIGURE 18

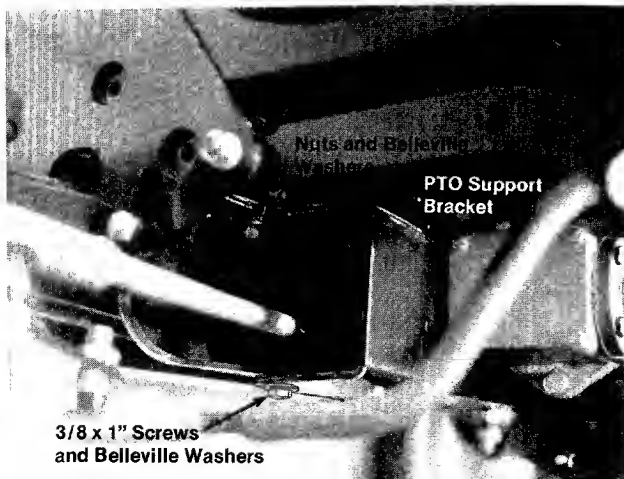


FIGURE 19

2. Line up the holes on the bottom of the PTO support bracket with the holes in the tractor frame and attach with two 3/8 x 1" screws and belleville washers. See figure 19.
3. Tighten the upper nuts and lower screws on the PTO support bracket.

## ATTACHING THE PTO BELT

1. Unscrew the "L" handle on the PTO belt guard and pivot the PTO belt guard away from the PTO pulley. See figure 20.
2. Place the V-belt over the PTO pulley, move the belt guard back in place and tighten the "L" handle.
3. Push the belt keepers on the V-idler the direction of the arrows shown in figure 18 and rotate either direction.
4. Unscrew the "L" handle on the engine belt guard and pivot the engine belt guard away from the engine pulley.
5. Attach the V-belt over the V-idler (and under the flat idler) and over the engine pulley.
6. Turn the belt keepers into the locked position.
7. Move the engine belt guard back in place and tighten the "L" handle.



# POWER TAKE OFF 197-952A (Optional)

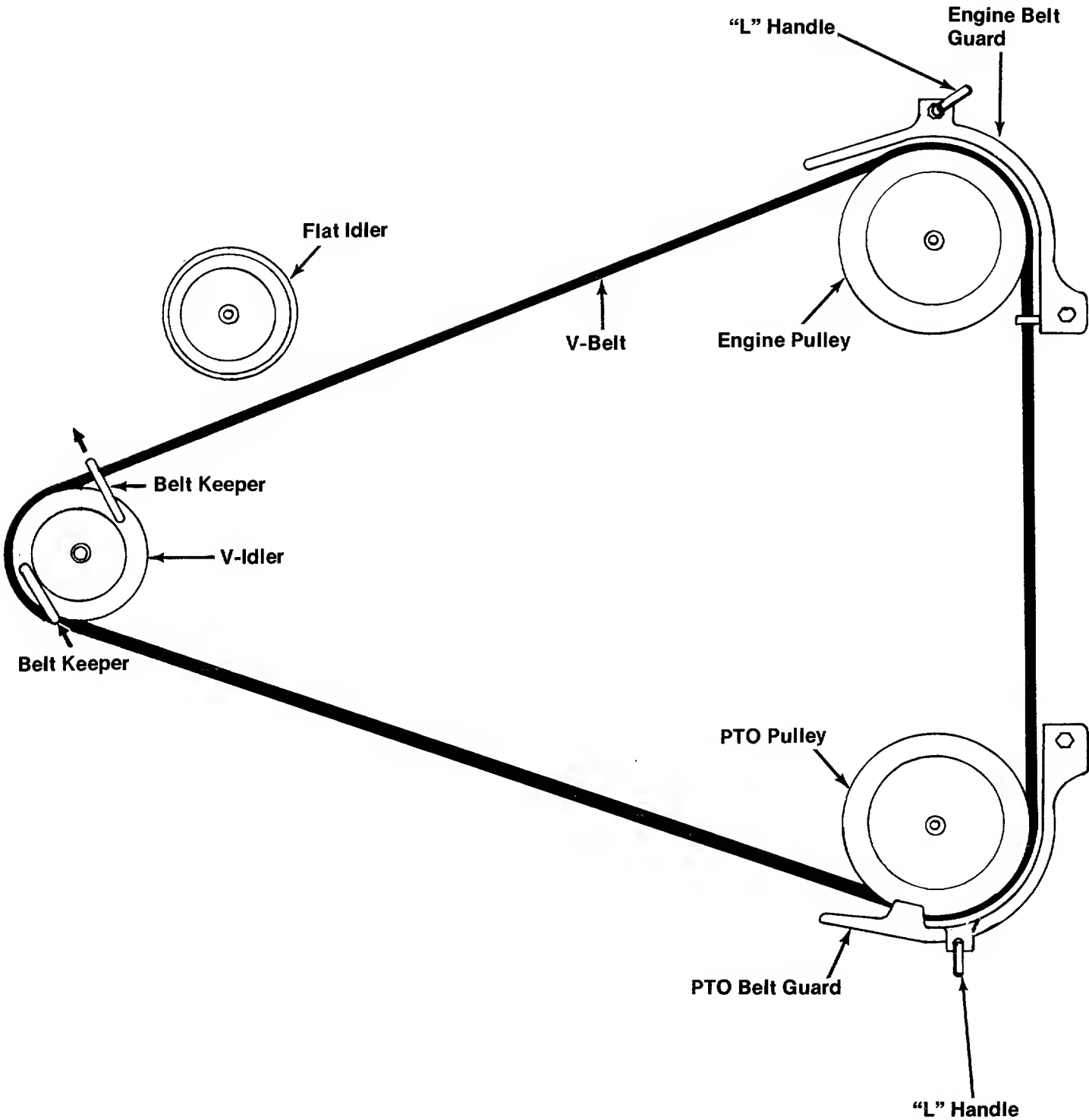


FIGURE 20

# POWER TAKE OFF 197-952A (Optional)

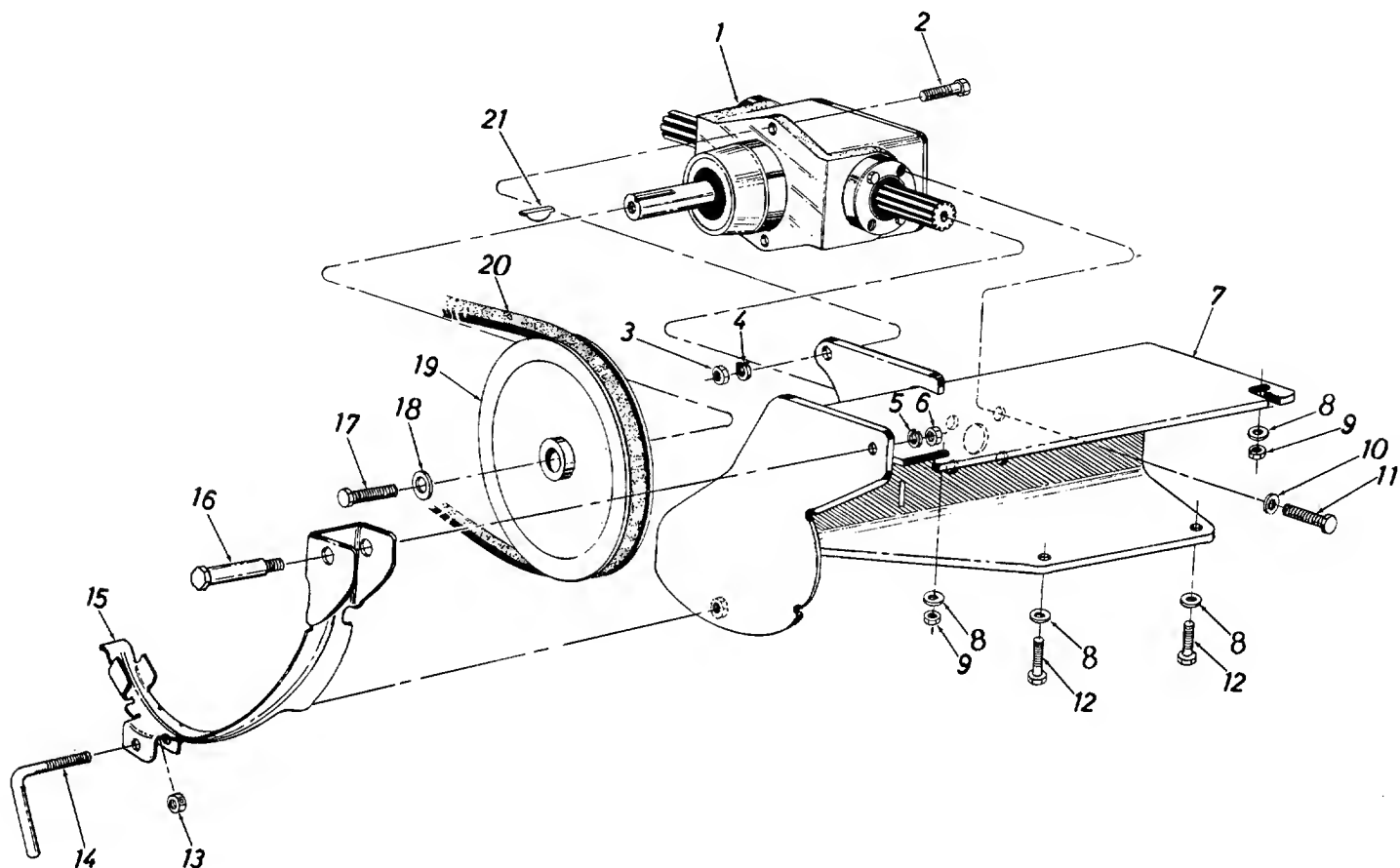
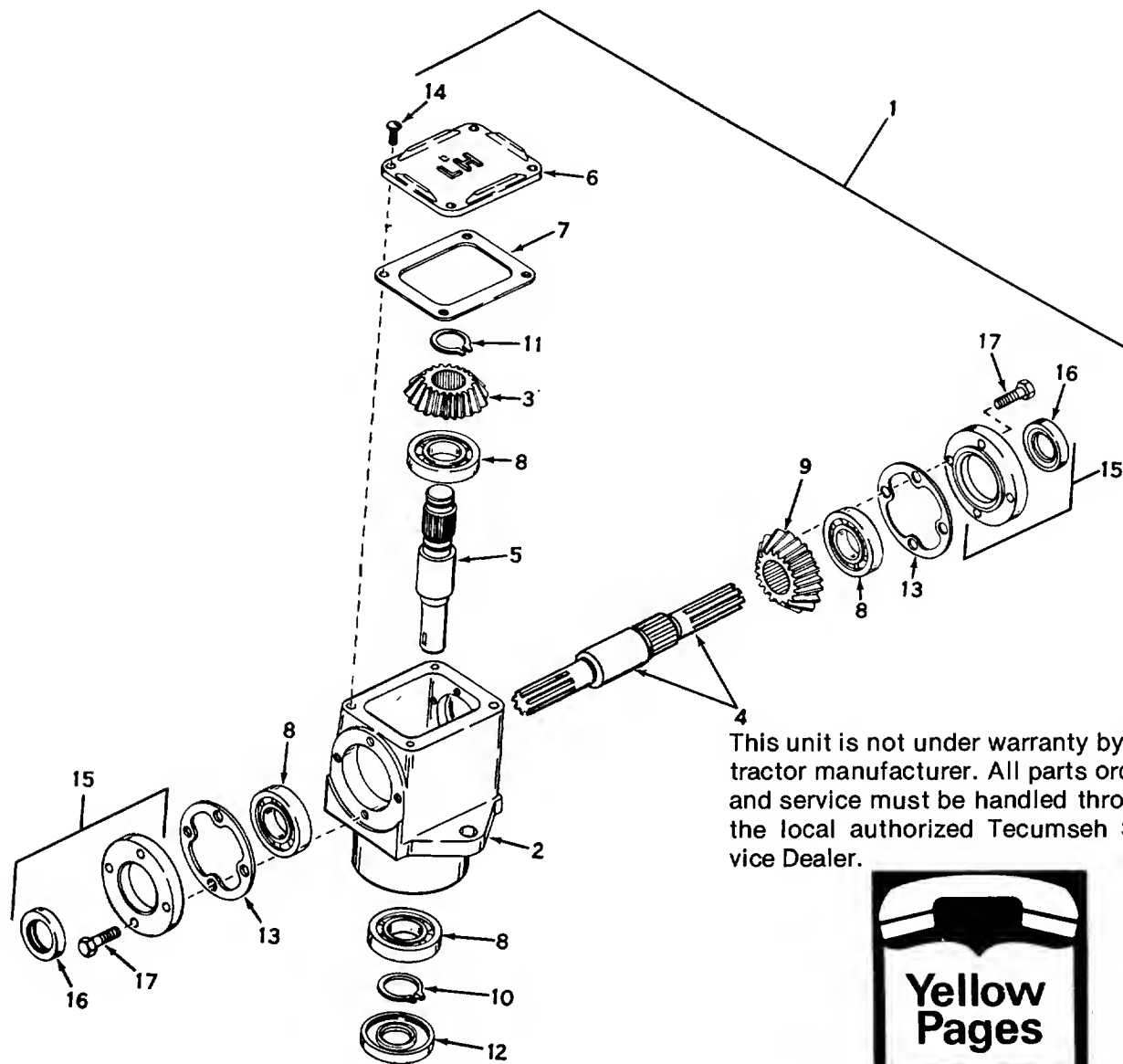


FIGURE 21

## PARTS LIST FOR FRONT P.T.O. KIT MODEL 197-952A

REF. NO.	PART NO.	DESCRIPTION	NEW PART	REF. NO.	PART NO.	DESCRIPTION	NEW PART
	—	"T" Drive Right Angle Ass'y.	N	12	710-0514	Hex Scr. 3/8-16 x 1.00" Lg. Grade 5	
	710-0514	Hex Scr. 3/8-16 x 1.00" Lg. Grade 5		13	712-0237	Hex Cent. L-Nut 5/16-24 Thd.	
3	712-0798	Hex Nut 3/8-16 Thd. *		14	747-0221	P.T.O. Locking Pin	N
4	736-0169	L-Wash. 3/8" Scr. *		15	13159	P.T.O. Belt Guard	N
5	736-0169	L-Wash. 3/8" Scr. *		16	738-0146	Shld. Bolt .50" Dia. x 1.34" Lg.	
6	712-0241	Hex Nut 3/8-24 Thd. *		17	710-0118	Hex Scr. 5/16-18 x .75" Lg. Grade 5	
7	13154	P.T.O. Support Brkt. Ass'y.	N	18	736-0242	Bell. Wash. 5/16" I.D.	
8	736-0105	Bell. Wash.		19	756-0282	P.T.O. Pulley 7.00" O.D.	N
9	712-0798	Hex Nut 3/8-16 Thd. *		20	754-0214	"V"-Belt .50" x 50" Lg.	N
10	736-0498	Internal L-Wash. 1/4" I.D.		21	714-0126	#9 Hi-Pro Key 3/16 x 3/4"	
11	710-0722	Hex Scr. 1/4-20 x 1.125" Lg.	N				

# POWER TAKE OFF 197-952A (Optional)



This unit is not under warranty by the tractor manufacturer. All parts orders and service must be handled through the local authorized Tecumseh Service Dealer.



## PEERLESS MODEL 3282-P91

Check the Yellow Pages of your telephone directory under "Engines—Gasoline."

FIGURE 22

### "T" DRIVE HEAD MODEL NO. 3282-P91, SERVICE NO. 794210

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	PE-794210	Head Ass'y., T Drive (Includes 2 to 15)	10	PE-788019	Ring, Snap
2	PE-770047	Housing T Drive	11	PE-788018	Ring, Snap
3	PE-778046	Gear, Miter	12	PE-788029	Seal, Oil
4	PE-776179	Shaft, Input	13	PE-788030	Gasket, Cap
5	PE-776178	Shaft, Output	14	PE-792025	Scr., Rd. Hd. Self Tap 10-24 x 1/2
6	PE-772035	Cover	15	PE-786029	Cap & Seal Ass'y. (Incl. 16 and 17)
7	PE-788028	Gasket, Cover	16	PE-788031	Seal, Oil
8	PE-780034	Bearing, Ball	17	PE-792026	Scr., Hex Hd. 1/4-20 x 7/8
9	PE-778069	Gear, Miter			

# THREE POINT HITCH 197-951A (Optional)

## INSTALLING THE THREE POINT HITCH

The optional three point hitch is needed for the rotary tiller, disc, cultivator and mold board plow. If you are using the mowing deck, disc, snow thrower or snow blade, it is not necessary to install a three point hitch.

1. Attach the ferrule to the upper arms using the cotter hairpins. See figure 23.
2. Screw the lift rod into the ferrule.
3. Attach the right draft bar to the side of the frame with a cotter hairpin. See figures 23 and 24 to determine which draft bar goes on the right side.
4. Line up the hole in the draft bar with the clevis end of the lift rod and push the clevis pin through both parts. Secure with a cotter hairpin.
5. Repeat the above steps with the left draft bar.
6. Screw the two halves of the center arm together and attach one end to any hole in the center mounting bracket with a clevis pin and a cotter hairpin. See figure 24.

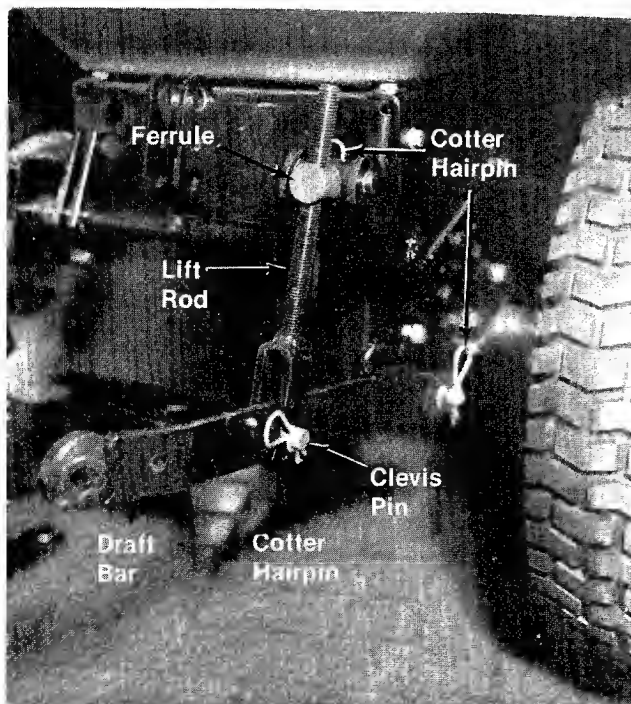


FIGURE 23

7. Screw one hex nut all the way on to each of the hook bolts.

8. Place a lockwasher next to the hex nut and insert the hook bolt through the inside of the draft bar. Secure using a second nut. Do not tighten. See figure 25.
9. Fasten the chains to the hooks welded on the draft bars. Cross the chains over and attach to the opposite hook bolts.



### NOTE

Pull the chains to make them as tight as possible.

10. Tighten the outside nuts on the hook bolts until there is approximately one inch of play in the center of the chains.

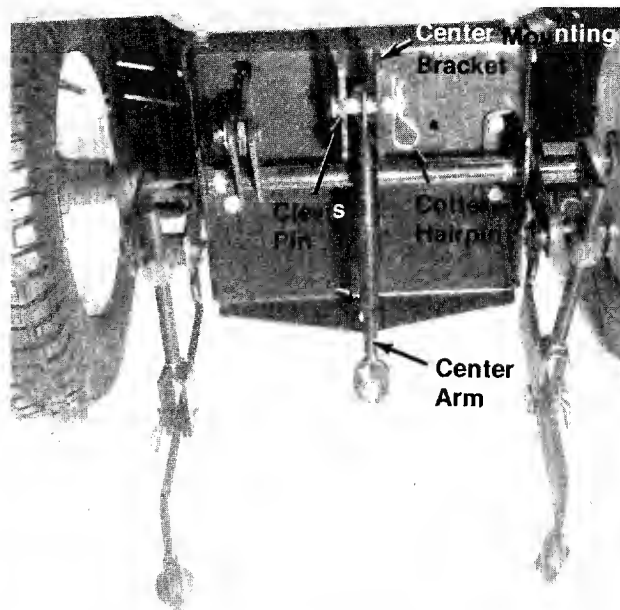


FIGURE 24

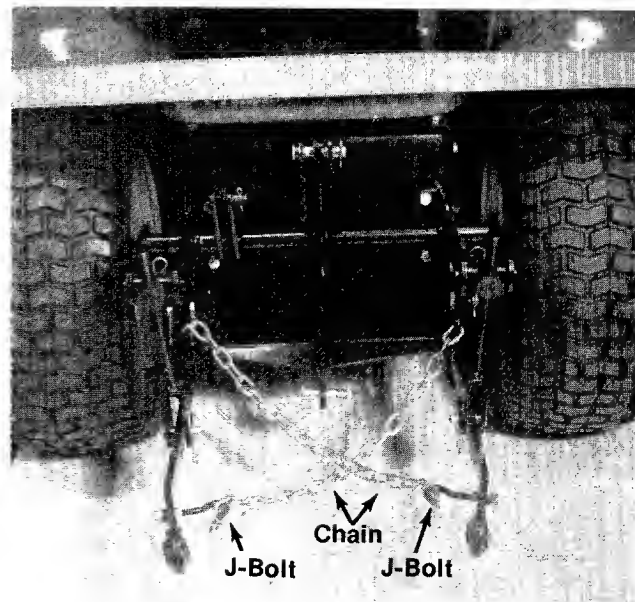


FIGURE 25

# THREE POINT HITCH 197-951A (Optional)

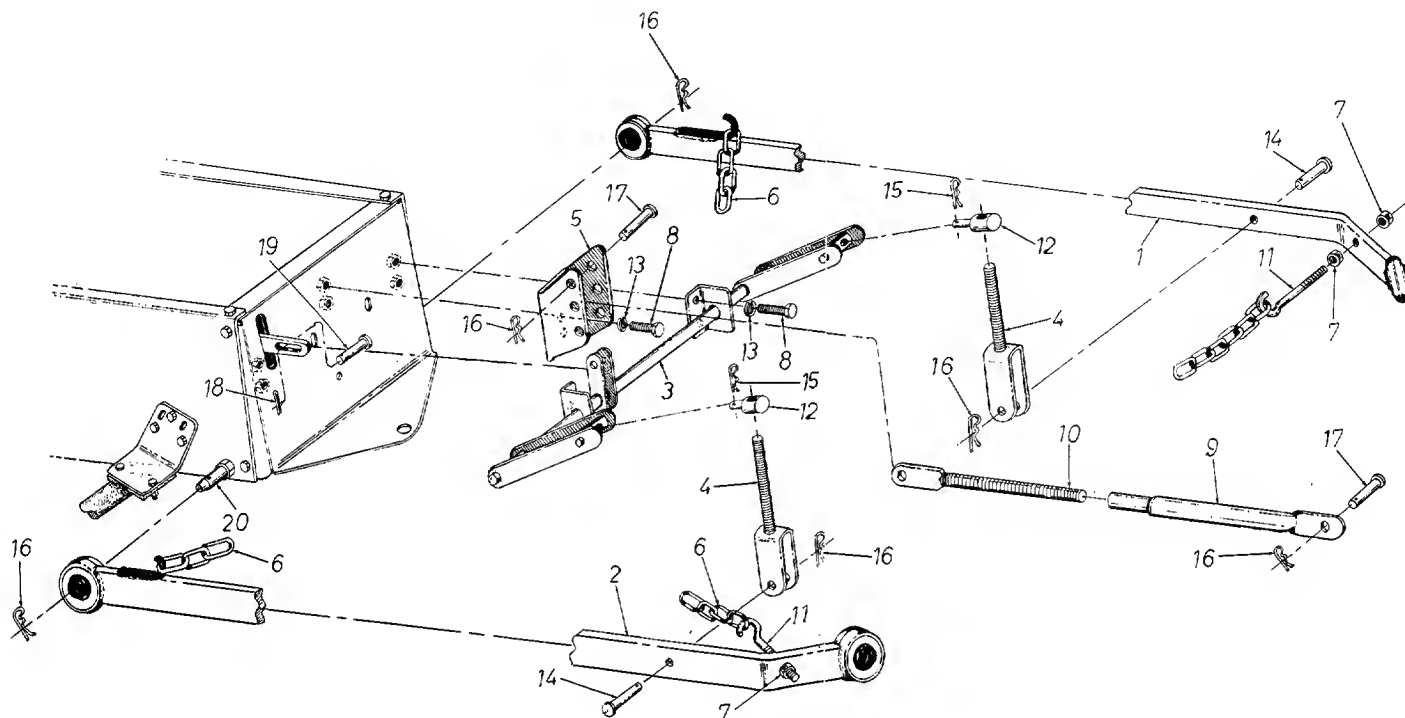


FIGURE 26

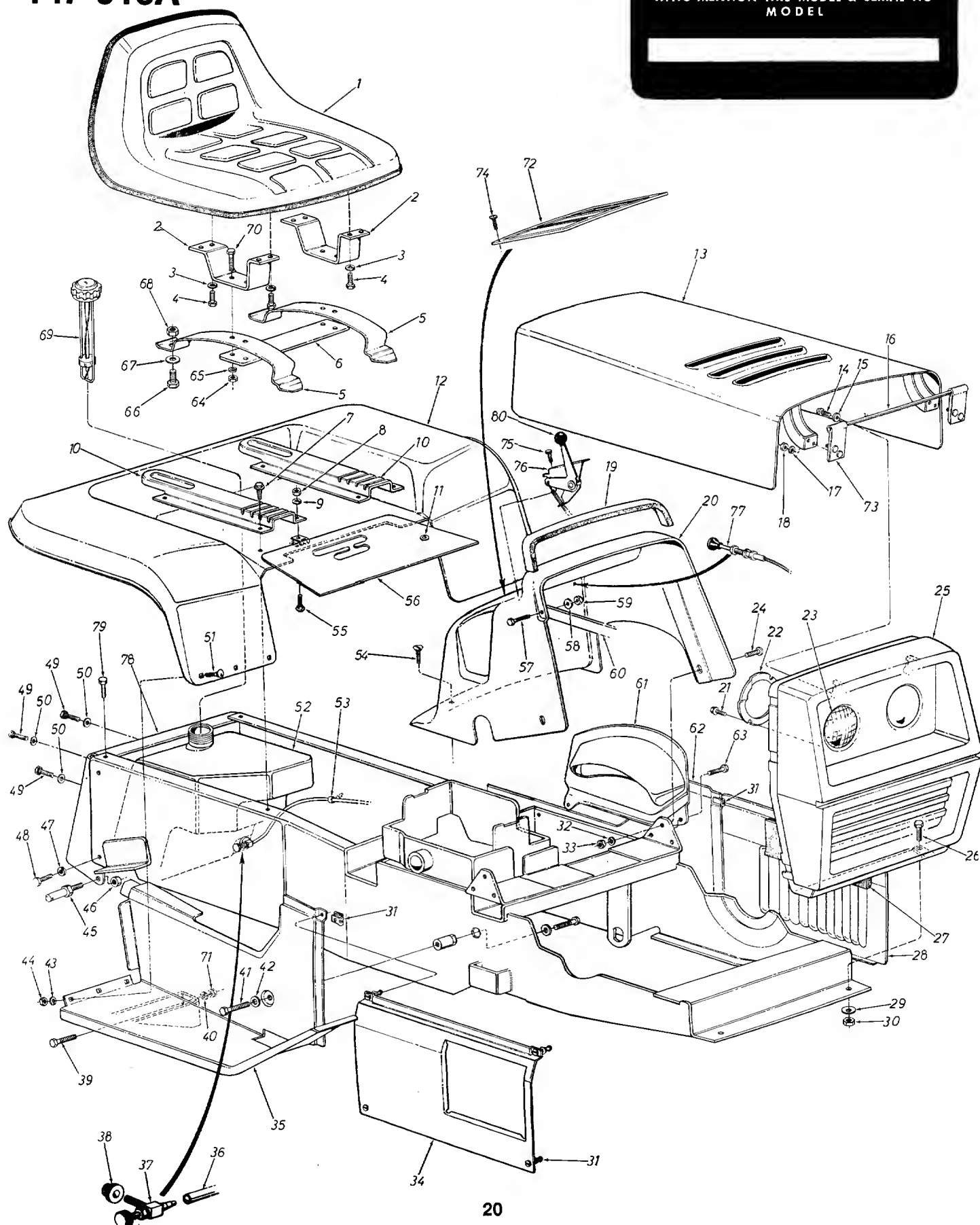
REF. NO.	PART NO.	DESCRIPTION	NEW PART
1	13129	Draft Bar Ass'y. R.H.	N
2	13130	Draft Bar Ass'y. L.H.	N
3	13135	Rear Lift Shaft Ass'y.	N
4	13138	Clevis Screw Ass'y.	N
5	13026	Hitch Brkt.	N
6	713-0148	Chain 20 Links	
7	712-0290	Hex Cent. L-Nut 7/16-14*	
8	710-0514	Hex Hd. Scr. Grade 5 3/8-16 x 1 Lg.*	
9	749-0238	Clevis Tubing	N
10	711-0636	Clevis Screw	N
11	711-0639	Hitch Chain Hook	N
12	711-0649	Clevis Pin	N
13	736-0217	Spring L-Wash. 3/8"	
14	711-0225	Clevis Pin 5/8 Dia. x 1.66 Lg.	
15	714-0147	Hairpin	N
16	714-0117	Hairpin	
17	711-0299	Clevis Pin 5/8 Dia. x 2.4 Lg.	
18	714-0470	Cotter Pin 1/8 Dia. x 1 1/4 Lg.*	
19	711-0654	Clevis Pin	N
20	711-0497	Link Clevis Pin	



# NOTES

# 147-910A 147-916A

IF YOU WRITE TO US ABOUT THIS ARTICLE  
OR IF YOU ORDER REPLACEMENT PARTS AL-  
WAYS MENTION THIS MODEL & SERIAL NO  
MODEL



# PARTS LIST FOR MODELS 147-910A AND 147-916A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	757-0203		Seat Ass'y. Comp.		40	736-0169		L-Wash. 3/8" Scr.*	
2	13157		Seat Brkt.	N	41	710-0201		Hex Scr. 3/8-16 x .62" Lg.*	
3	736-0169		L-Wash. 3/8" Scr.*		42	736-0117		FI-Wash. .385 I.D. x .62 O.D.	
4	710-0216		Hex Scr. 3/8-16 x .75" Lg.*		43	736-0329		L-Wash. 1/4" Scr.*	
5	13123		Seat Spring	N	44	712-0287		Hex Nut 1/4-20 Thd.*	
6	13214		Seat Support Plate	N	45	711-0497		Link Clevis Pin	
7	710-0601		Hex Wash. Hd. Self Tap Scr. 5/16-24 x .75" Lg.		46	712-0923		Hex Cent. L-Nut 5/8-18 Thd.*	
8	712-0267		Hex Nut 5/16-18 Thd.*		47	736-0169		L-Wash. 3/8" Scr.*	
9	736-0119		L-Wash. 5/16" Scr.		48	710-0514		Hex Scr. 3/8-24 x 1.00" Lg. Grade 5	
10	13124 —462		Seat Adjuster Brkt.	N	49	710-0258		Hex Scr. 1/4-20 x .62" Lg.*	
11	731-0405		Snap Bushing		50	736-0270		Belleville Wash.	
12	13106 —462		Rear Fender Ass'y.	N	51	710-0167		Carr. Bolt 1/4-20 x .50" Lg.*	
13	13119 —462		Hood Ass'y.	N	52	751-0207		Fuel Tank	N
14	710-0599		Thread Rolling Scr. 1/4"		53	725-0157		Tie Strap	
15	736-0211		FI-Wash. 1/4" I.D. x 1.25 O.D. x .06		54	710-0618		Flat Hd. Self Tap. Scr. 1/4" Dia. x .62" Lg.	
16	747-0231		Hinge Rod	N	55	710-0260		Carr. Bolt 5/16-18 x .62" Lg.*	
17	736-0329		L-Wash. 1/4" Scr.*		56	13107		Transmission Cover	N
18	712-0287		Hex Nut 1/4-20 Thd.*		57	710-0252		Hex Scr. 1/4-20 x .75" Lg.*	
19	722-0133		Foam Strip 1/2" Wide x 15" Lg.	N	58	736-0329		L-Wash. 1/4" Scr.*	
20	731-0375		Instrument Panel	N	59	712-0287		Hex Nut 1/4-20 Thd.*	
21	710-0599		Thread Rolling Scr. 1/4"		60	13152		Grille Strap	N
22	09960		Head Light Retainer		61	731-0383		Instrument Panel Insert	N
23	725-0222		Head Light		62	13103 —462		Foot Step Panel—L.H.	N
24	710-0255		Truss Mach. Scr. 1/4-20 x .75" Lg.*		63	710-0599		Thread Rolling Scr. 1/4"	
25	719-0233		Front Grille	N	64	712-0267		Hex Nut 5/16-18 Thd.*	
26	710-0376		Hex Scr. 5/16-18 x 1.00" Lg.*		65	736-0119		L-Wash. 5/16" Scr.*	
27	722-0147		Sound Control Pad 1/2" x 2" x 8"	N	66	710-0689		Nylon Scr. 1/2-13 x .75" Lg.	N
28	13101 —462		Panel—L.H.		67	736-0160		FI-Wash. 1/2" I.D.	
29	736-0242		Belleville Wash.		68	712-0384		Hex Cent. L-Nut 1/2-13 Thd.	
30	712-0267		Hex Nut 5/16-18 Thd.*	N	69	751-0226		Fuel Gauge	
31	726-0166		1/4-Turn Fastener Ass'y.		70	710-0118		Hex Scr. 5/16-18 x .75" Lg.*	
32	736-0329		L-Wash. 1/4" Scr.*		71	712-0798		Hex Nut 3/8-16 Thd.*	
33	712-0287		Hex Nut 1/4-20 Thd.*	N	72	731-0384		Instrument Panel Cover	N
34	13100 —462		Panel—R.H.	N	73	13187		Hood Hinge Ass'y.	N
35	13102 —462		Foot Step Panel—R.H.		74	710-0697		Self Tap Black Oval Hd. Scr. 1/2" Lg.	N
36	731-0150		Gas Hose 3/16" I.D. x 5/16" O.D. x 72" Lg.	N	75	710-0721		FI-Hd. Truss Scr. #10 x .62" Lg.	
37	751-0171		Fuel Shut-off Valve		<del>76</del> 746-0302			Throttle Control Ass'y.	N
38	735-0149		Rubber Bushing		77	746-0303		Choke Control Ass'y.	N
39	710-0253		Hex Scr. 3/8-16 x 1.00" Lg. Grade 5	76	78	13196		Hitch Plate Ass'y.	N
					79	710-0216		Hex Scr. 3/8-16 x .75" Lg.*	
						746-0298		Ball Knob—Throttle Control	

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

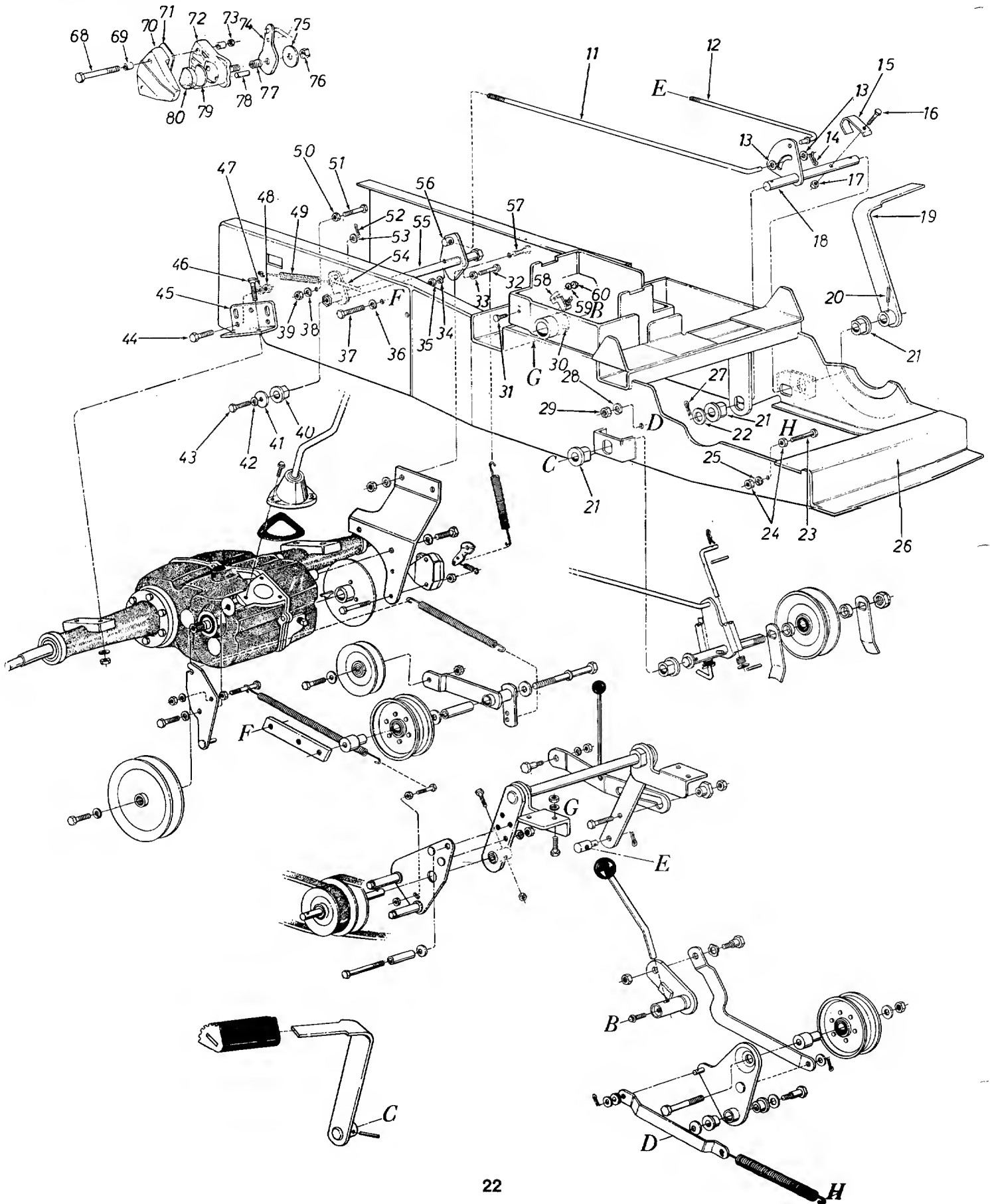
When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Red Flake Finish—13119 (462).)

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines — Gasoline."



# 147-910A

## 147-916A



# **PARTS LIST FOR MODELS 147-910A AND 147-916A**

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
11	747-0229		Brake Rod		42	736-0119		L-Wash. 5/16" Scr.*	
12	747-0218		Clutch Control Rod		43	710-0538		Plastic Ms. Hex Scr. 5/16-16 x 1.50" Lg.	
13	736-0117		Fl.-Wash. .38 I.D. x .62" O.D.		44	710-0514		Hex Scr. 3/8-24 x 1.00" Lg. Grade 5	
14	714-0474		Cotter Pin 1/8" Dia. x .75" Lg.*		45	13066		Transaxle Support Brkt.	N
15	13160		Clutch Control Switch Plate	N	46	710-0347		Hex Scr. 3/8-16 x 1.75" Lg.*	
16	710-0428		Hex Scr. 1/4-28 x 1.25" Lg.*		47	736-0217		L-Wash. 3/8" Scr. Heavy Duty*	
17	712-0117		Hex Cent. L-Nut 1/4-28 Thd.		48	712-0241		Hex Nut 3/8-24 Thd.*	
18	13084		Clutch Control Brkt.	N	49	732-0121		Extension Spring	
19	13081		Foot Pedal Brkt.	N	50	712-0138		Hex Nut 1/4-28 Thd.	
20	715-0114		Roll Pin 1/4" Dia. x 1.50" Lg.*		51	710-0698		Hex Scr. 1/4-28 x 1.50" Lg.*	
21	741-0199		Hex Flange Brg. Plastic		52	714-0474		Cotter Pin 1/8" Dia. x .75" Lg.*	
22	736-0188		Fl.-Wash. .75 I.D. x 1.50" O.D.		53	736-0117		Fl-Wash. .38" I.D.	
23	710-0442		Hex Scr. 5/16-18 x 1.50" Lg.*		54	13062		Brake Rod Ass'y.	N
24	712-0267		Hex Nut 5/16-18 Thd.*		55	13059		Brake and Clutch—Jack Shaft	N
25	736-0119		L-Wash. 5/16" Scr.*		56	711-0179		Ferrule	
26	13003		Frame Ass'y.	N	57	710-0322		Hex Scr. 5/16-18 x 1.00" Lg.*	
27	714-0470		Cotter Pin 1/8" Dia. x 1.25" Lg.*		58	725-0577		Safety Switch	N
28	736-0217		L-Wash. 3/8" Scr.*		59	736-0329		L-Wash. 1/4" Scr.*	
29	712-0214		Hex Top L-Nut 3/8-16 Thd.		60	712-0287		Hex Nut 1/4-20 Thd.*	
30	737-0146		Grease Fitting		68	710-0316		Hex Scr. 3/8-16 x 3.50" Lg.	
31	710-0289		Hex Scr. 1/4-20 x .50" Lg.*		69	761-0138		Spacer	
32	710-0528		Hex Scr. 5/16-18 x 1.25" Lg.*		70	HH-12-03045		Casting—Carrier Side	
33	712-0267		Hex Nut 5/16-18 Thd.*		71	HH-11-03436		Spacer	
34	736-0119		L-Wash. 5/16" Scr.*		72	HH-12-03041		Casting—Cam Side	
35	712-0267		Hex Nut 5/16-18 Thd.*		73	712-0375		Hex Cent. L-Nut 3/8-16 Thd.	
36	736-0119		L-Wash. 5/16" Scr.*		74	HH-18-02770		Cam Lever	
37	710-0216		Hex Scr. 3/8-16 x .75" Lg.*		75	HH-03-03032		Thrust Wash. 5/16" I.D.	
38	736-0329		L-Wash. 1/4" Scr.*		76	712-0237		Hex Nut 5/16-24 Thd.*	
39	712-0138		Hex Nut 1/4-28 Thd.*		77	HH-06-03031		Compression Spring	
40	748-0227		Bronze Bearing		78	HH-05-03034		Push Pin	
41	736-0123		Fl-Wash. 5/16" I.D. x 1.125" O.D.		79	HH-03-03097		Disc—Back Up	
					80	HH-15-02533		Pad—Friction	

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Red Flake Finish—13119 (462).)

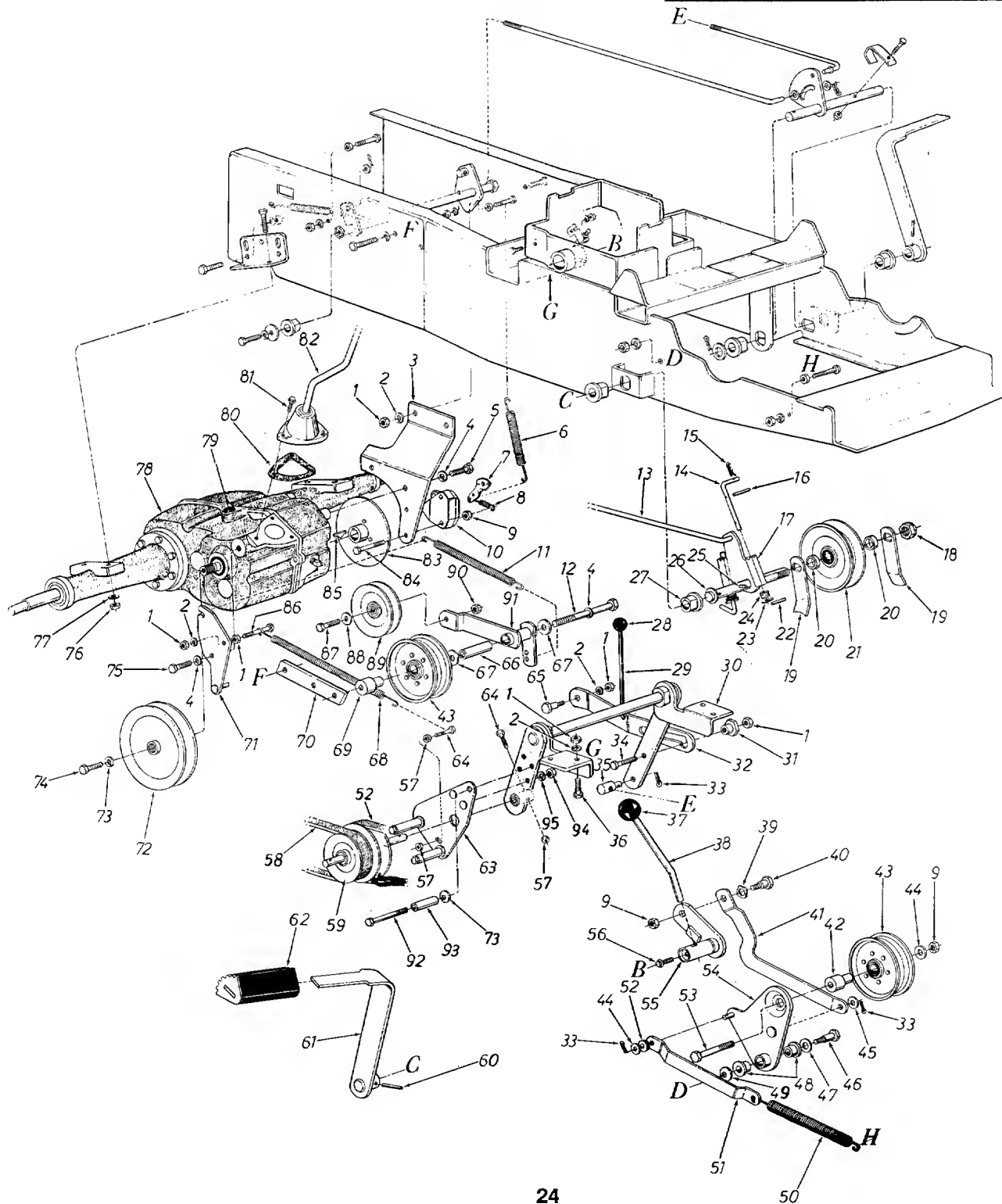


# 147-910A 147-916A



## IMPORTANT

Belts listed by Part Number are of special construction and should be used when replacement is necessary. The dimensions and description given are for general reference only and belts purchased by description and dimension generally will only provide temporary service.



# PARTS LIST FOR MODELS 147-910A AND 147-916A

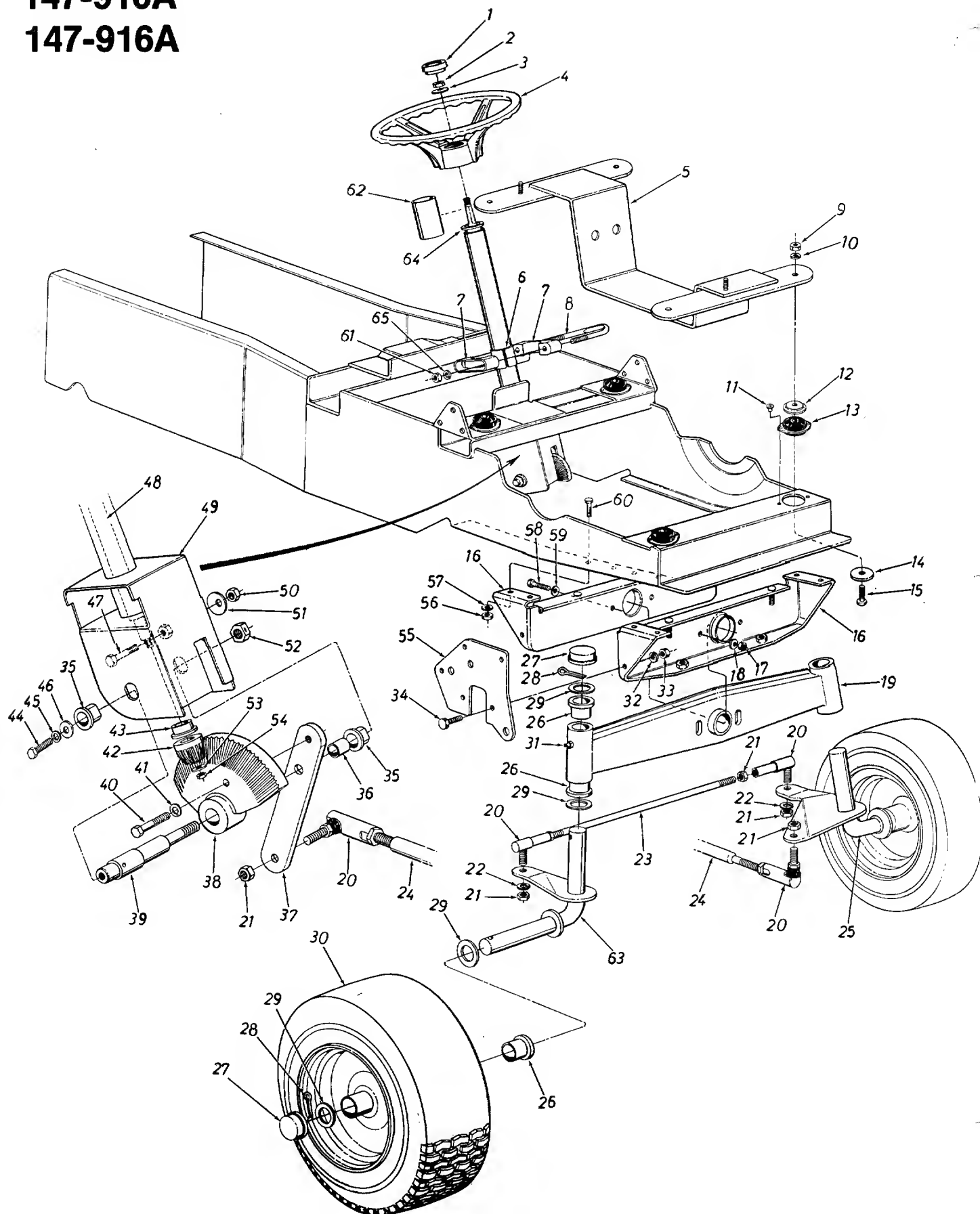
REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	712-0267		Hex Nut 5/16-18 Thd.*		50	736-0262		Extension Spring	
2	736-0119		L-Wash. 5/16" Scr.*		51	13077		Spring Strap	N
3	13012		Transaxle Support Brkt.	N	52	754-0218		"V"-Belt 5/8" x 59" Lg.	N
4	736-0169		L-Wash. 3/8" Scr.*		53	710-0427		Hex Scr. 3/8-16 x 2.00" Lg.*	
5	710-0253		Hex Scr. 3/8-16 x 1.00" Lg. Grade 5		54	13074		Clutch Idler Plate	N
6	732-0260		Brake Spring		55	13053		Actuator Lever Ass'y.	N
7	HH-18-02770		Cam Lever		56	710-0599		Hex Hd. Self Tap Scr. 1/4-20 x .50" Lg.*	
8	732-0339		Brake Return Spring	N	57	712-0117		Hex Cent. L-Nut 1/4-28 Thd.	
9	712-0181		Hex Top L-Nut 3/8-16 Thd.		58	754-0211		"V"-Belt 5/8" x 46" Lg.	N
10	761-0137		Disc Brake Ass'y. Comp.		59	756-0279		Idler Pulley	N
11	732-0233		Brake Spring		60	715-0114		Spring Pin Spirol 1/4" Dia. x 1.50" Lg.	
12	710-0693		Hex Scr. 3/8-16 x 4.50" Lg.*		61	13080		Foot Pedal Brkt. Ass'y. — R.H.	N
13	13062		Brake Rod Ass'y.	N	62	735-0189		Foot Pad (Right and Left)	N
14	747-0226		Belt Guard	N	63	13192		Belt Guard Brkt. Ass'y.	N
15	714-0104		Hair Pin Cotter 5/16" Dia.		64	710-0428		Hex Scr. 1/4-28 x 1.25" Lg. Grade 5	
16	715-0138		Roll Pin 1/8" Dia. x .63" Lg.*		65	738-0140		Shoulder Scr.	
17	13082		Brake Control Brkt. Ass'y.	N	66	750-0261		Spacer Tube	
18	712-0221		Hex Nut 5/8-18 Thd.*		67	736-0258		FI-Wash. 3/8" I.D. x 1.00" O.D.*	
19	13183		Belt Guide	N	68	732-0276		Extension Spring	
20	750-0171		Spacer 5/8 I.D. x 7/8 O.D. x .25" Lg.		69	711-0656		Idler Adapter	N
21	756-0283		V-Idler Pulley 4 1/2" O.D.	N	70	13116		Idler Bracket	N
22	715-0138		Roll Pin 1/8" Dia. x .63" Lg.*		71	13039		Spring Brkt. Ass'y.	N
23	736-0117		Flat Wash.		72	756-0281		Transaxle Pulley 7.00" Dia.	N
24	732-0334		Spring	N	73	736-0105		Belleville Wash.	
25	715-0134		Roll Pin 3/16" Dia. x 1.50" Lg.*		74	710-0180		Hex Scr. 3/8-24 x .75" Lg.*	
26	736-0188		FI-Wash. .76 I.D. x .06		75	710-0253		Hex Scr. 3/8-16 x 1.00" Lg.*	
27	741-0199		Flange Bearing—Plastic		76	712-0298		Hex Nut 3/8-16 Thd.*	
28	720-0166		Parking Brake Knob		77	736-0217		L-Wash. 5/8" Scr. Heavy Duty	
29	747-0217		Parking Brake Rod	N	78	—		Transaxle (See Breakdown Page 32)	
30	13045		Mount Ass'y.	N	79	722-0141		Bumper	N
31	711-0404		Shoulder Nut		80	—		Part of Transaxle	
32	13108		Parking Brake Brkt.	N	81	—		Part of Transaxle	
33	714-0474		Cotter Pin 1/8" Dia. x .75" Lg.*		82	—		Part of Transaxle	
34	710-0322		Hex Scr. 5/16-18 x 1.00 Lg.*		83	761-0142		Brake Disc Ass'y.	
35	711-0198		Ferrule		84	710-0937		Hex Scr. 3/8-16 x 2.50" Lg.*	
36	710-0198		Hex Sems Scr. 5/16-18 x .75" Lg.*		85	714-0137		Hi-Pro Key 3/8" x 1.06" Lg.	
37	720-0175		Ball Knob		86	710-0395		Hex Scr. 5/16-18 x 2.25" Lg.*	
38	747-0211		P.T.O. Handle	N	87	710-0344		Hex Scr. 3/8-16 x 1.50" Lg.*	
39	736-0232		Wave Wash. 1/2" Dia.		88	736-0267		FI-Wash. 3/8" I.D.*	
40	738-0143		Shoulder Bolt		89	756-0293		4" Dia. V-Idler	N
41	13076		Clutch Idler Link	N	90	712-0375		Hex Cent. L-Nut 3/8-16 Thd.*	
42	711-0598		Idler Adapter	N	91	13060		Idler Arm Ass'y.	N
43	711-0306		Flat Idler Pulley 4-5/8" Dia.		92	710-0937		Hex Scr. 3/8-16 x 2.50" Lg.*	
44	736-0300		FI-Wash. 3/8" I.D.*		93	750-0261		Spacer Tube	
45	736-0108		FI-Wash 1/2" I.D. x 3/4" O.D.*		94	712-0267		Hex Nut 5/16-18 Thd.*	
46	738-0146		Shoulder Scr.		95	736-0119		L-Wash. 5/16" Scr.*	
47	736-0100		FI-Wash. 1/2" I.D.*						
48	748-0108		Bronze Bearing						
49	736-0219		Belleville Wash.						

(462—Red Flake)

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Red Flake Finish—13119 (462).)

# 147-910A 147-916A



# PARTS LIST FOR MODELS 147-910A AND 147-916A

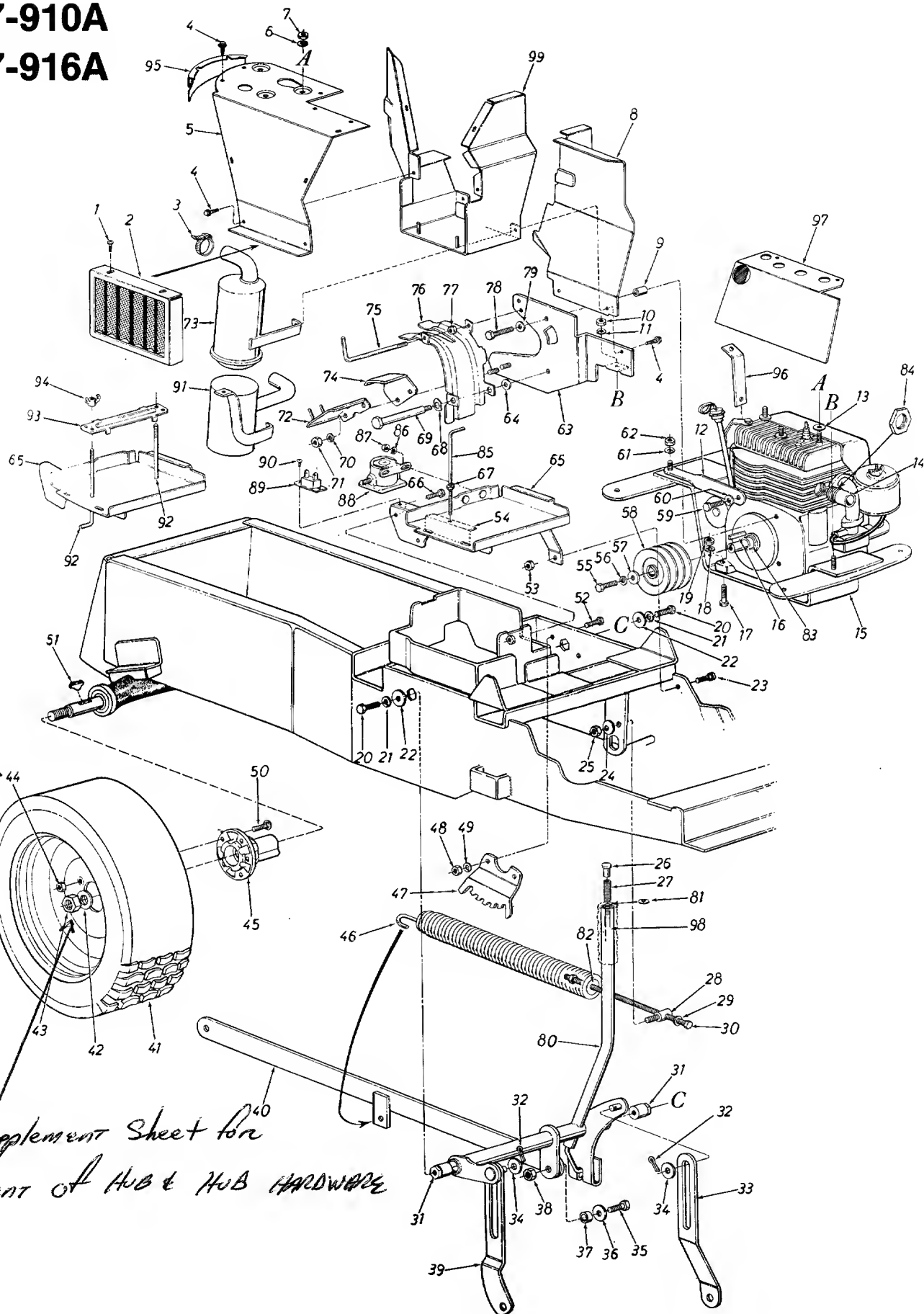
REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	731-0220		Steering Wheel Cap		33	712-0798		Hex Nut 3/8-16 Thd.*	
2	712-0158		Hex Cent. L-Nut 5/16-18 Thd.		34	710-0253		Hex Scr. 3/8-16 x 1.00" Lg.*	
3	736-0270		Belleville Wash.		35	741-0199		Flange Bearing	
4	731-0356		Steering Wheel		36	750-0333		Steering Gear Shaft Spacer	N
5	<del>13099</del> 13098		Engine Support Ass'y.	N	37	13132		Steering Arm	N
6	750-0344		Tube Spacer	N	38	748-0238		Bevel Gear	
7	06627		Bearing Block		39	738-0342		Steering Gear Shaft	N
8	747-0101		"U"-Clamp		40	710-0344		Hex Scr. 3/8-16 x 1.50" Lg.*	
9	712-0241		Hex Nut 3/8-24 Thd.*		41	736-0169		L-Wash. 3/8" Scr.*	
10	736-0169		L-Wash. 3/8" Scr.*		42	748-0237		Pinion Gear	
11	728-0123		Rivet		43	748-0227		Flange Bearing	
12	13212		Top Snubber	N	44	710-0216		Hex Scr. 3/8-16 x .75" Lg.*	
13	722-0142		Engine Mount	N	45	736-0169		L-Wash. 3/8" Scr.*	
14	13213		Bottom Snubber	N	46	736-0133		FI-Wash. 3/8" I.D. x 1.25 O.D.	
15	710-0459		Hex Scr. 3/8-24 x 1.50" Lg. Graded		47	710-0670		Nylon Hex Screw	
16	13032		Front Pivot Brkt. Ass'y.	N	48	738-0343		Steering Shaft	N
17	712-0375		Hex Cent. L-Nut 3/8-16 Thd.		49	13126		Steering Bracket Support Ass'y.	N
18	736-0219		Belleville Wash.		50	712-0342		Hex Jam Nut 3/8-18 Thd.	
19	13008		Pivot Bar Ass'y.	N	51	736-0219		Belleville Wash.	
20	723-0179		Tie Rod End		52	712-0200		Hex Ins. L-Nut 1/2-20 Thd.	
21	712-0922		Hex Nut 1/2-20 Thd.*		53	736-0264		FI-Wash. .344 I.D. x .62 O.D.	
22	736-0921		L-Wash. 1/2" Scr.*		54	712-0237		Hex Cent. L-Nut 5/16-24 Thd.	
23	747-0214		Tie Rod	N	55	13153		Front Pivot Brkt. Reinforcement	N
24	13190		Drag Link	N	56	712-0798		Hex Nut 3/8-16 Thd.*	
25	13001		Front Axle Ass'y.—L.H.	N	57	736-0169		L-Wash. 3/8" Scr.*	
26	731-0374		Plastic Flange Bearing 1.0" I.D.	N	58	710-0937		Hex Scr. 3/8-16 x 2.50" Lg.*	
27	731-0349		Dust Cover	N	59	736-0219		Belleville Wash.	
28	714-0142		Cotter Pin 3/16" Dia. x 1.50" Lg.*		60	710-0253		Hex Scr. 3/8-16 x 1.00" Lg.*	
29	736-0259		FI-Wash. 1.0" I.D.		61	712-0267		Hex Nut 5/16-18 Thd.*	
30	734-0771		Front Wheel Ass'y. Comp. 16 x 6.50	N	62	750-0362		Steering Tube Outer	N
	734-0787		Rim Only	N	63	13002		Front Axle Ass'y.—R.H.	N
	734-0526		Tire Only 16 x 6.50		64	741-0138		Ball Bearing	
31	737-0146		Grease Fitting		65	736-0119		L-Wash. 5/16" Scr.*	
32	736-0169		L-Wash. 3/8" Scr.*						

(462—Red Flake)

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Red Flake Finish—13119 (462).)

# **147-910A** **147-916A**





# PARTS LIST FOR MODELS 147-910A AND 147-916A

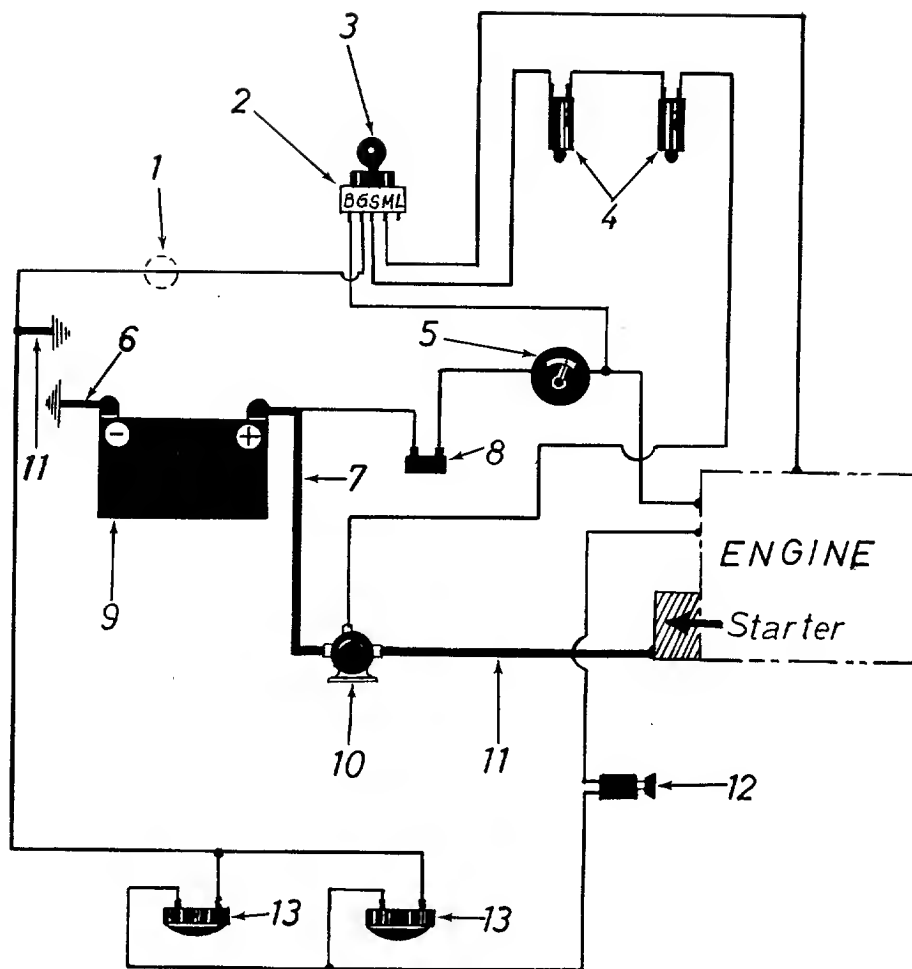
REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	710-0589		Hex Wash. Hd. Self Tap. Scr. #10 x .75" Lg.*		51	714-0146		#27 Woodruff Key	
2	13177		Heat Duct Cover Ass'y.	N	52	710-0152		Hex Scr. 3/8-24 x 1.00" Lg.*	
3	726-0176		Pipe Clamp		53	712-0267		Hex Nut 5/16-18 Thd.*	
4	710-0589		Hex Wash. Hd. Self Tap Scr. #10 x .75" Lg.*		54	13023		Battery Hold Down Brkt. (147-916A)	N
5	13175		Heat Shield Cover (147-916A)	N	55	710-0459		Hex Scr. 3/8-24 x 1.50" Lg. Grade 5	
6	736-0119		L-Wash. 5/16" Scr.*		56	736-0217		L-Wash. 3/8" Scr. Heavy Duty	
7	712-0257		Hex Nut 5/16-18 Thd.		57	736-0235		FI-Wash. 3/8" Dia.	N
8	13174		Exhaust Shield (147-916A)	N	58	756-0280		Engine Pulley	
9	750-0368		Tube Spacer	N	59	710-0505		Hex Scr. 7/16-14 Thd.	
10	712-0241		Hex Nut 3/8-24 Thd.		60	736-0171		L-Wash. 7/16" Dia.	
11	736-0169		L-Wash. 3/8" Scr.*		61	736-0169		L-Wash. 3/8" Scr.*	
12	13143		Engine Strap	N	62	712-0241		Hex Nut 3/8-24 Thd.*	
13	736-0159		FI-Wash. 5/16" I.D.		63	13144		Engine Belt Guard Mtg. Plate Ass'y.	N
14	751-0221		Muffler Pipe Fitting	N				Belleville Wash. 3/8" Scr.	
15	13099		Engine Support Ass'y.	N	64	736-0105		Battery Carrier Ass'y.	N
16	714-0118		Sq. Key 1/4" x 1/4" x 1.50" Lg.		65	13019		Hex Sems Scr. 5/16-18 Thd.*	
17	710-0347		Hex Scr. 3/8-16 x 1.75" Lg.		66	710-0259		Hex Nut 1/4-20 Thd.* (147-916A)	
18	736-0217		L-Wash. 3/8" Scr. Heavy Duty		67	712-0287		Wave Wash.	
19	712-0298		Hex Nut 3/8-16 Thd.*		68	736-0232		Shoulder Scr.	
20	710-0514		Hex Scr. 3/8-16 x 1.00" Lg.*		69	738-0215		L-Wash. 5/16" Scr.*	
21	736-0169		L-Wash. 3/8" Scr.*		70	736-0119		Hex Nut 5/16-18 Thd.*	
22	736-0235		FI-Wash. 3/8" I.D. x 1 1/4" O.D.		71	712-0257		Engine Belt Guard Ass'y.	N
23	710-0322		Hex Sems Scr. 5/16-18 Thd.*		72	13146		Muffler Ass'y. (147-916A)	N
24	736-0242		Belleville Wash.		73	751-0209		Engine Belt Guard Ass'y. (Trans.)	N
25	712-0158		Hex Cent. L-Nut 5/16-18 Thd.		74	13148		Belt Guard Locking Pin	N
26	711-0634		Lift Handle Button	N	75	747-0216		Engine Belt Guard Ass'y.	N
27	732-0152		Compression Spring		76	13149		Hex Cent. L-Nut 5/16-24 Thd.	
28	711-0471		Ferrule		77	712-0237		Hex Scr. 7/16-14 Thd.	
29	736-0140		FI-Washer 3/8" I.D. x 5/8" O.D.		78	710-0694		L-Wash. 7/16" Scr.*	
30	710-0667		Hex Scr. (Special)	N	79	736-0171		Lift Shaft Weldment Ass'y.	N
31	748-0252		Lift Shaft Pivot Pin	N	80	13086		FI-Wash. 1/4" I.D. x .75 O.D.	
32	714-0115		Cotter Pin		81	736-0173		Spring Insert	N
33	13169		Deck Link—L.H.	N	82	711-0365		Engine Pulley Spacer	
34	736-0179		FI-Wash. 1/2" I.D. x 1 1/4" O.D.		83	736-0293		Muffler Pipe Locknut	
35	710-0504		Hex Scr. 1/2-20 x 1.25" Lg.*		84	712-0250		Battery Hold Down Rod (147-916A)	
36	736-0242		Belleville Wash.		85	711-0284		L-Wash. 1/4" Scr.*	
37	750-0336		Push Bar Sleeve	N	86	736-0329		Hex Nut 1/4-20 Thd.*	
38	712-0158		Hex Cent. L-Nut 5/16-18 Thd.		87	712-0287		Solenoid	N
39	13169		Deck Link—R.H.	N	88	725-0530		Circuit Breaker	
40	13092		Push Bar Ass'y.	N	89	725-0459		Truss Hd. Mach. Scr. #10 x .50" Lg.*	
41	734-0786		Rear Wheel Ass'y.—Comp.	N	90	710-0351		Muffler Ass'y. (147-910A)	N
	734-0785		Rim Only	N	91	13203		Battery Hold Down Rod (147-910A)	
	734-0322		Tire Only 23.0 x 9.50		92	711-0222		Battery Hold Down (147-910A)	
42	736-0188		FI-Wash. 3/4" I.D.		93	12614		Wing Nut 1/4-20 Thd. (147-910A)	
43	712-0288		Hex Ins. L-Nut 3/4-16 Thd.		94	712-0113		Cap Shield (147-916A)	N
44	712-0193		Cone Lug Nut 3/8-24 Thd.		95	13176		Heat Shield Brkt. (147-910A)	N
45	719-0231		Rear Wheel Hub	N	96	13035		Heat Shield Cover (147-910A)	
46	732-0336		Deck Lift Assist Spring		97	13044		Locking Rod	N
47	13095		Index Brkt.	N	98	747-0212		Enclosing Shield (147-916A)	N
48	712-0241		Hex Nut 3/8-24 Thd.*		99	13173			
49	736-0169		L-Wash. 3/8" Scr.*						
50	710-0617		Rd. Hd. Rib Neck Bolt—3/8-24 Thd.	N					

(462—Red Flake)

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Red Flake Finish—13119 (462).)

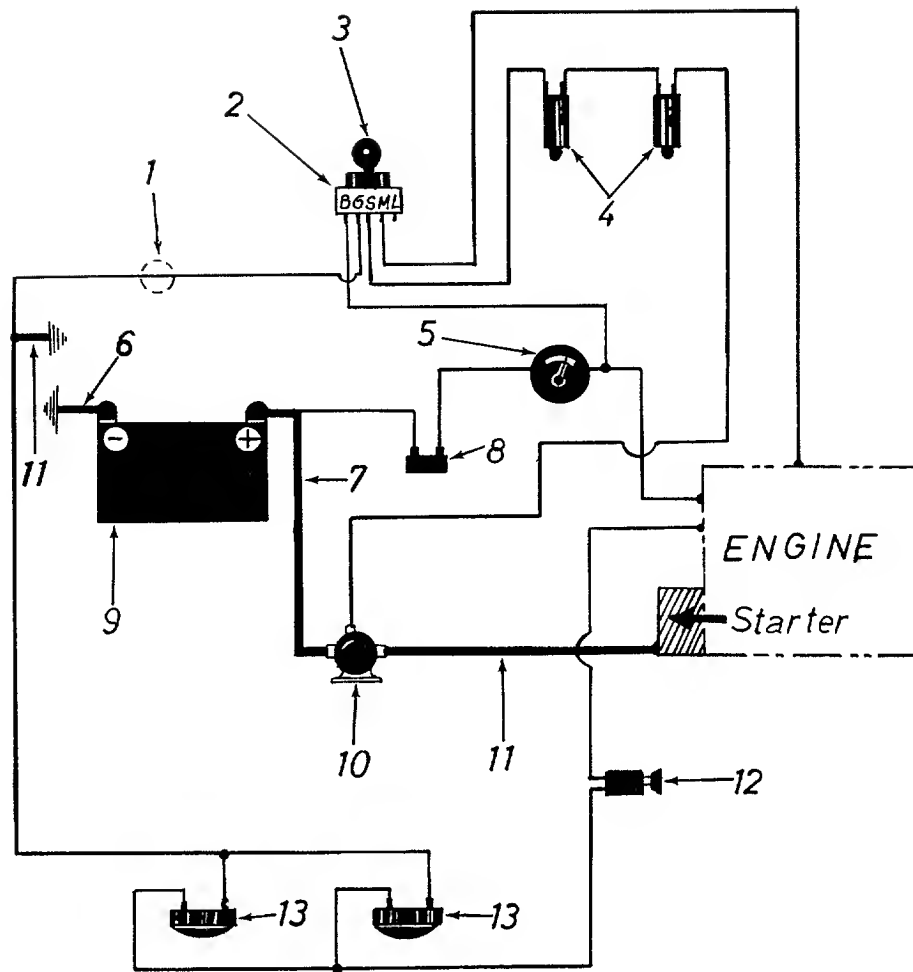
# 147-910A



## PARTS LIST FOR MODEL 147-910A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	725-0557		Wire Harness	N
2	725-0267		Ignition Switch	
3	725-0201		Ignition Key	
4	725-0577		Safety Switch—Black Button	N
5	725-0119		Ammeter	
6	725-0559		Electric Cable	N
7	725-0558		Electric Cable	N
8	725-0459		Circuit Breaker 8 Amp.	
9	725-0453		Battery-Manifold Vented 12 V.	
10	725-0530		Solenoid	N
11	725-0561		Electric Cable	N
12	725-0202		Headlight Switch	
13	725-0222		Head Light	

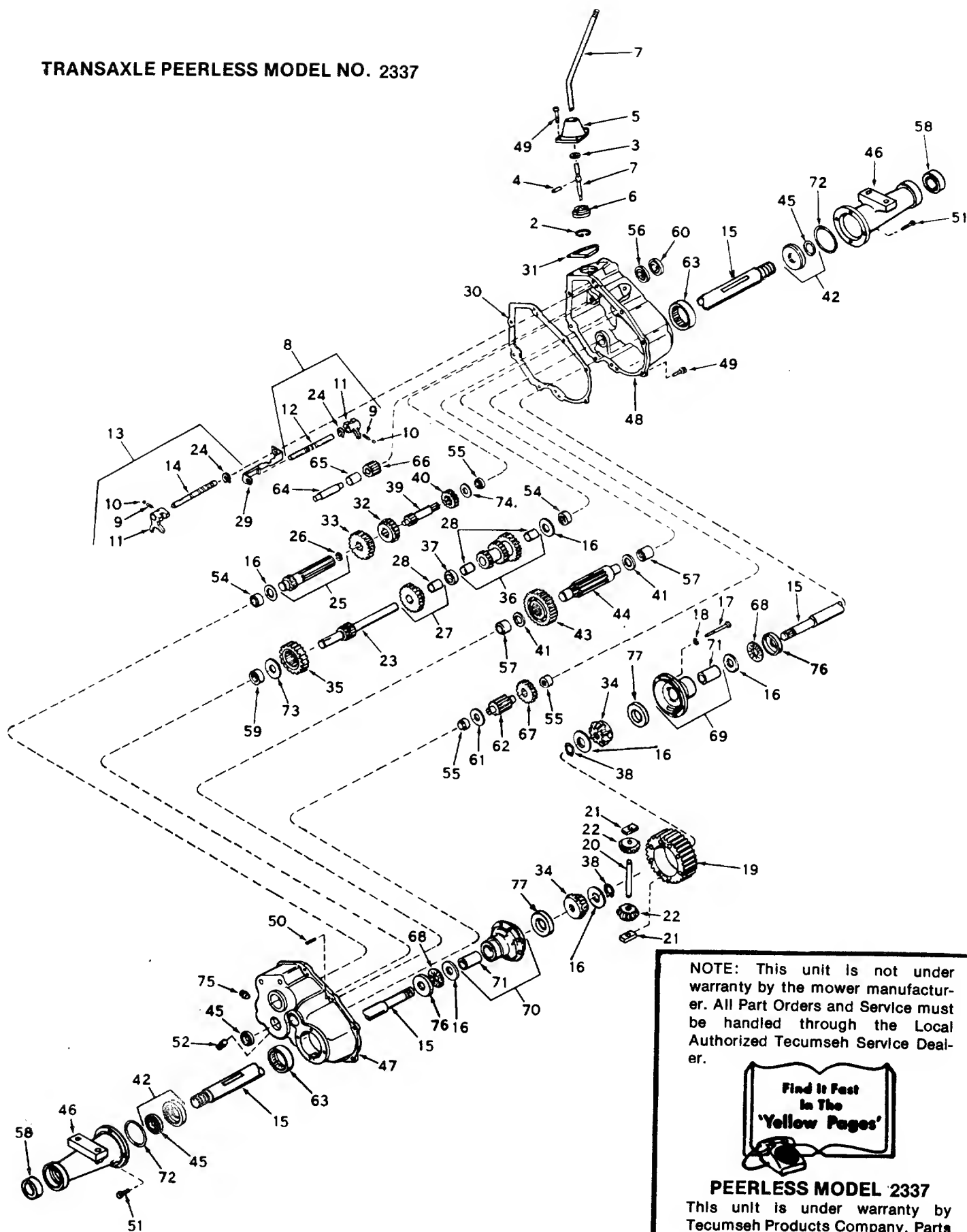
# 147-916A



## PARTS LIST FOR MODEL 147-916A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
2	725-0267		Ignition Switch	
3	725-0201		Ignition Key	
4	725-0577		Safety Switch—Black Button	N
5	725-0119		Ammeter	
6	725-0567		Negative Cable	N
7	725-0566		Positive Cable	N
8	725-0459		Circuit Breaker 8 Amp.	
9	725-0130		Battery 12 V.	
10	725-0530		Solenoid	N
11	725-0561		Electric Cable	N
12	725-0202		Headlight Switch	
13	725-0222		Head Light	

# TRANSAXLE PEERLESS MODEL NO. 2337



NOTE: This unit is not under warranty by the mower manufacturer. All Part Orders and Service must be handled through the Local Authorized Tecumseh Service Dealer.



## PEERLESS MODEL 2337

This unit is under warranty by Tecumseh Products Company. Parts and Service are available through all Tecumseh, Lauson Power Products Service Dealers. Check the "Yellow Pages" of your telephone directory under "Engines—Gasoline."

# **PARTS LIST FOR TRANSAXLE PEERLESS MODEL 2337**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
2	PE-792016	Ring, Snap	40	PE-778024	Spur Gear, Input Shaft
3	PE-792001	Ring, Quad	41	PE-780052	Washer, Thrust
4	PE-792049	Pin, Roll	42	PE-788021	Seal and Retainer Ass'y., Oil (Incl. No. 45)
5	PE-784093	Housing, Shift Lever	43	PE-778036	Gear, Output
6	PE-784094	Keeper, Shift Lever	44	PE-776028	Pinion, Output
7	PE-784292	Lever, Shift*	45	PE-788008	Seal, Oil
8	PE-784054	Rod Ass'y., Shift (Incl. Nos. 9 thru 12 and 24)	46	PE-782025	Housing, Axle
9	PE-792003	Spring	47	PE-772016A	Cover Ass'y., Transaxle (Incl. Nos. 54, 55, 57, 59 and 63)
10	PE-792004	Ball, Steel	48	PE-770012	Case Ass'y., Transaxle (Incl. Nos. 54, 55, 57 and 63)
11	PE-784004	Fork, Shifter	49	PE-792007	Scr., Socket Hd. Cap 1/4-20 x 3/4
12	PE-784055	Rod, Shifter (3rd and 4th)	50	PE-786026	Pin, Dowel
13	PE-784056	Rod Ass'y., Shift (Incl. Nos. 9, 10, 11, 14 and 24)	51	PE-792037	Scr., Hex Hd. Sems, 5/16-18 x 1
14	PE-784057	Rod, Shifter (Low)	52	PE-792019	Plug, Magnetic Drain
15	PE-774361	Axle	54	PE-780049	Bearing, Needle
16	PE-780042	Washer, Thrust	55	PE-530105	Bearing, Needle
17	PE-792005	Scr. Hex Hd. Cap 1/4-20 x 2 1/2	56	PE-780024	Bearing, Ball
18	PE-792006	L-Wash. 1/4"	57	PE-780047	Bearing, Needle
19	PE-778033A	Gear, Ring	58	PE-780050	Bearing, Ball
20	PE-786019	Pin, Drive	59	PE-780046	Bearing, Needle
21	PE-786027	Block, Drive	60	PE-788025	Seal, Oil
22	PE-778094	Pinion, Bevel	61	PE-780001	Washer
23	PE-776029A	Shaft and Gear, Brake	62	PE-776031	Shaft and Pinion
24	PE-792017	Ring, Snap	64	PE-780048	Bearing, Needle
25	PE-776026	Shaft and Brg. Ass'y., Pinion (Incl. No. 26)	64	PE-776030	Shaft, Reverse Idler
26	PE-780018	Bearing, Needle	65	PE-786025	Spacer, Reverse Idler
27	PE-778034	Gear Cluster Ass'y. (Incl. No. 28)	66	PE-778016	Idler, Reverse
28	PE-780053	Bushing	67	PE-778038	Spur Gear (22 teeth)
29	PE-784074	Stop, Shifter	68	PE-780039	Bearing, Thrust
30	PE-788023	Gasket, Case and Cover	69	PE-774072A	Carrier Ass'y., Differential (Incl. No. 71)
31	PE-788022	Gasket, Shifter Lever Housing	70	PE-774071A	Carrier Ass'y., Differential (Incl. No. 71)
32	PE-778019	Gear, Shifting (3rd and 4th)	71	PE-780041	Bushing
33	PE-778020	Gear, Shifting (1st, 2nd and Rev.)	72	PE-788024	"O" Ring
34	PE-778095	Gear, Bevel	73	PE-780007	Washer, Thrust
35	PE-778037	Gear, Idler	74	PE-780051	Washer, Thrust
36	PE-778035	Gear Cluster Ass'y. (Incl. No. 28)	75	PE-792010	Plug, Pipe
37	PE-786024	Spacer	76	PE-780075	Race, Thrust
38	PE-792018	Ring, Snap	77	PE-780107	Washer
39	PE-776175	Shaft, Input			

\*Shift lever is not shipped with transaxle. Order separate.

# PARTS INFORMATION

## POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, parts numbers, description of parts and the quantity of each part required.

<b>ALABAMA</b>	<b>BIRMINGHAM</b>	
	Auto Electric & Carburetor Co.	2625 4th Ave. S. .... 35233
<b>ARKANSAS</b>	<b>NORTH LITTLE ROCK</b>	
	Sutton's Lawn Mower Shop	Rt. 4, Box 368 ..... 72117
	<b>FORT SMITH</b>	
	Mity Mite Motors, Inc.	2515 Towson Ave. .... 72901
<b>CALIFORNIA</b>	<b>SAN BERNARDINO</b>	
	Lawn Mower Supply Co.	25608 E. Baseline .... 92410
	<b>SAN FRANCISCO</b>	
	J.W. Jewett Co.	981 Folsom St. .... 94107
	<b>SACRAMENTO</b>	
	Luttig & Severson	2030 28th St. .... 95818
<b>COLORADO</b>	<b>DENVER</b>	
	South Denver Lawn Equip.	527 West Evans ..... 80223
<b>CONNECTICUT</b>	<b>SUFFIELD</b>	
	The Jones & Ramsey Co.	850 Thompsonville Rd. 06078
<b>FLORIDA</b>	<b>JACKSONVILLE</b>	
	Rodco Distributors	2403 Market St. .... 32206
	<b>CORAL GABLES</b>	
	Moz-All of Florida, Inc.	365 Greco Ave. .... 33146
<b>GEORGIA</b>	<b>EAST POINT</b>	
	East Point Cycle & Key	2834 Church St. .... 30344
<b>ILLINOIS</b>	<b>LYONS</b>	
	Keen Edge Co.	8615 Ogden Ave. .... 60534
<b>INDIANA</b>	<b>ELKHART</b>	
	Parts & Sales Inc.	2101 Industrial Pkwy. ..46514
<b>IOWA</b>	<b>DUBUQUE</b>	
	Power Lawn & Garden Equip.	2551 J.F. Kennedy .... 52001
<b>KANSAS</b>	<b>WICHITA</b>	
	Hixon, Inc.	3030 Mascot ..... 67204
<b>LOUISIANA</b>	<b>NEW ORLEANS</b>	
	Suhren Engine Co.	8330 Earhart Blvd. .... 70118
<b>MARYLAND</b>	<b>TAKOMA PARK</b>	
	Center Supply Co.	6867 New Hampshire Ave. 20012
<b>MASSACHUSETTS</b>	<b>SPRINGFIELD</b>	
	Morton B. Collins Co.	300 Birnie Ave. .... 01107
<b>MICHIGAN</b>	<b>MOUNT CLEMENS</b>	
	Power Equipment Dist.	36463 South Grotiot... 48043
	<b>LANSING</b>	
	Lorenz Service Co.	2500 S. Pennsylvania.. 48900
<b>MINNESOTA</b>	<b>MINNETONKA</b>	
	Honce Distributing Inc.	11212 Wayzata Blvd. ..55343
<b>MISSISSIPPI</b>	<b>BILOXI</b>	
	Biloxi Sales & Service, Inc.	506 Caillavet St. .... 39533
<b>MISSOURI</b>	<b>KANSAS CITY</b>	
	Automotive Equip. Service	3117 Holmes St. .... 64109
	<b>ST. LOUIS</b>	
	Henzler, Inc.	2015 Lemay Ferry Rd. 63125
<b>NEW YORK</b>	<b>CARTHAGE</b>	
	Gomble Dist., Inc.	West End Ave. .... 13619
	<b>SYRACUSE</b>	
	Kimber's, Inc.	115 N. Geddes St. .... 13204

## BRIGGS & STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts on service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing *Engines Gasoline*, Briggs & Stratton or Tecumseh Lauson

<b>NORTH CAROLINA</b>	<b>GREENSBORO</b>	
	Dixie Sales Company	327 Bottleground Ave.. 27402
	<b>GOLDSBORO</b>	
	Smith Hardware Co.	515 N. George St. .... 27530
<b>OHIO</b>	<b>WADSWORTH</b>	
	National Control	687 Seville Rd. .... 44281
	<b>CLEVELAND</b>	
	Bleckrie, Inc.	7900 Lorain Ave. .... 44102
	<b>CARROLL</b>	
	Stebe's Mid-State Mower Supply	Box 366 ..... 43112
	<b>WILLARD</b>	
	Sunshine Wholesale Tire Outlet	Route 224 ..... 44890
	<b>MANSFIELD</b>	
	McClure Lawn & Garden Supply	1114 Lexington Ave. . 44903
<b>OKLAHOMA</b>	<b>MUSKOGEE</b>	
	Victory Motors, Inc.	605 S. Cherokee ..... 74401
	<b>ADA</b>	
	Ado Auto Supply	301 E. 12th St. .... 74820
<b>OREGON</b>	<b>PORTLAND</b>	
	Kenton Supply Co.	8216 N. Denver Ave. . 97217
<b>PENNSYLVANIA</b>	<b>LANCASTER</b>	
	Roub Supply Co.	James & Mulberry Sts... 17604
	<b>PITTSBURGH</b>	
	Bluemont Co.	11125 Frankstown Rd.. 15235
<b>TENNESSEE</b>	<b>KNOXVILLE</b>	
	Master Repair Service	2423 Broadway, N.E. ..37917
	<b>MEMPHIS</b>	
	Memphis Cycle & Supply Co.	421 Monroe Ave. .... 38103
	American Sales & Service, Inc.	1922 Lynnbrook ..... 38116
<b>TEXAS</b>	<b>DALLAS</b>	
	Morr Brothers, Inc.	423 E. Jefferson ..... 75207
	<b>HOUSTON</b>	
	Bullord Supply Co.	2409 Commerce St. .... 77003
	<b>SAN ANTONIO</b>	
	Cotto & Putty, Inc.	P.O. Box 2408 ..... 78206
	<b>FORT WORTH</b>	
	Woodson Sales Corp.	1702 N. Sylvonia .... 76111
<b>UTAH</b>	<b>SALT LAKE CITY</b>	
	A-1 Engine & Mower Co.	437 E. 9th St. .... 84111
<b>VERMONT</b>	<b>BURLINGTON</b>	
	Vermont Appliance Co.	44 Lakeside Ave. .... 05401
<b>VIRGINIA</b>	<b>RICHMOND</b>	
	RBI Corp.	963 Myers St. .... 23260
<b>WASHINGTON</b>	<b>SEATTLE</b>	
	Boiley's Rebuild, Inc.	1325 E. Modison St. ...98102
<b>WEST VIRGINIA</b>	<b>CHARLESTON</b>	
	Young's, Inc.	233 Virginio St., E. ...25301
<b>WISCONSIN</b>	<b>APPLETON</b>	
	Automotive Supply Co.	123 S. Linwood Ave. ...54911

## WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

### CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number of unit involved.
2. Date unit was purchased or first put into service.
3. Date of failure.
4. Nature of failure.